MEMORANDUM

TO: Joint Committee on Drinking Water Additives – Treatment Chemicals
Joint Committee on Drinking Water Additives – System Components

FROM: France Lemieux, Chairperson

DATE: October 3, 2014

SUBJECT: Proposed revisions to NSF/ANSI 60 – *Drinking water treatment chemicals- Health effects* (60i65) and NSF/ANSI 61 – *Drinking water system components- Health effects* (61i115)

Draft 1 of NSF/ANSI 60 issue 65 and Draft 1.1 of NSF/ANSI 61 issue 115, are being forwarded to the Joint Committee for balloting. Please review the changes proposed to these standards and **submit your ballot by October 17, 2014** via the NSF Online Workspace.

Revision 1.1 incorporates one additional update that was recently approved by the JC and CPHC (60i63r1-chlorate). **Please note that if you do not return a vote for this ballot, your original vote will remain in effect.**

Purpose

This proposed ballot combines the current tables from Annexes D and E under NSF/ANSI 60 and 61 and includes updates on several substances.

To make reviewing easier, please note the following: Pages 1-50 are simply the removal of Tables D1-D4 and E1-E4 as they are currently written and are indicated with a ~~strikeout~~ for removal of the old text. Beginning on page 51, new language describing the normative drinking water criteria for Annex D has been added (highlighted in gray as usual), followed by the new proposed combined Table D1. **Updates are highlighted in yellow.** Sources for these revisions are either TOE, peer-reviewed by the Health Advisory Board (HAB), or are through harmonization efforts of the Joint Peer Review Steering Committee (JPRSC). **All other values are not highlighted and remain unchanged, and have simply been transferred to the new combined table.**

Of the added criteria, it should be noted that there are two changes that will result in more stringent acceptance criteria as a result of new risk assessments (all other values are either new or result in increases to prior criteria).

a. Methanol – based on EPA IRIS update the methanol TAC /SPAC/STEL is being reduced from 20/2/20 ppm to 10/1/10 ppm. http://www.epa.gov/iris/subst/0305.htm
b. O-toluidine – based on an updated risk assessment calculations, the numbers went from TAC/SPAC/STEL of 30/3/30 ppb to 20/2/20 ppb (this is from a published article http://www.ncbi.nlm.nih.gov/pubmed/22940434)

This draft ballot uses NSF/ANSI 60 to show the proposed changes. If approved, the same revisions will be applied to NSF/ANSI 61. Per discussion at the 2013 JC meetings, a separate straw ballot will be sent out for feedback from the Committee on whether these annexes should ultimately be removed from NSF/ANSI 60 and 61 and housed in a separate document.

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Background

At the 2013 DWA-TC and DWA-SC JC meetings, a recommendation was made to combine the current tables in Annexes D and E. The drinking water pass/fail criteria in NSF/ANSI 60 and NSF/ANSI 61 are currently located in two separate annexes (Annex D, normative, and Annex E, informative). In each annex, there are multiple tables (D1-D4 and E1-E2) which specify the drinking water criteria. Housing the pass/fail criteria in multiple tables makes it challenging for users of the standards to locate the drinking water criteria for a specific chemical and enhances the difficulties associated with maintaining and ensuring the accuracy of the tables. Additionally, Annex D and Annex E are not consistent between Standard 60 and Standard 61.

Updates for Annexes D and E were also proposed. Sources for these revisions are either TOE, peer-reviewed by the HAB, or are through harmonization efforts of the JPRSC.

The JC unanimously voted in favor of balloting the proposed revisions. Please see the 2013 JC meeting summary excerpt and original issue documents under the referenced items for additional information.

If you have any questions about the technical content of the ballot, you may contact me in care of:

Chairperson, Joint Committee
c/o Monica Leslie
Joint Committee Secretariat
NSF International
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[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. **For the new combined Table D1, Health Advisory Board updates are highlighted in yellow to make reviewing easier.** All other values are not highlighted and remain unchanged, and have simply been transferred to the new table.**]**

NSF/ANSI Standard
for Drinking Water Treatment Chemicals– Health Effects

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Annex D
(normative)

Normative drinking water criteria

~~D.1 General~~

~~The drinking water criteria in this annex shall be used as normative evaluation criteria for the determination of product compliance with the health effects requirements of this Standard. The values in these tables include the consensus USEPA and Health Canada drinking water criteria for contaminants evaluated by these two agencies. They also include criteria for non-regulated contaminants that have been developed according to the toxicity data requirements of Annex A, and that have been externally peer reviewed. Non-regulatory USEPA guidance values that have been reviewed and found to satisfy Annex A toxicity data requirements are also included, as well as chemicals that have been evaluated using the threshold of evaluation approach.~~

~~The drinking water criteria in this annex have not been evaluated for taste and odor considerations at the concentration limits indicated.~~

~~The substances listed in Tables D1, D2, D3, and D4 are not intended to encompass all of the potential analytes of interest that need to be considered when evaluating products to the requirements of this Standard. The user is cautioned that each product may have formulation dependent analytes of interest for which acceptable concentration limits have not been determined. In these cases, the user is required to develop acceptable concentration limits based on the requirements of Annex A of NSF/ANSI 60 in order to determine full compliance with the Standard.~~

~~These tables are specific to NSF/ANSI 60. While the tables may be used for evaluation of impurities in drinking water system components, the substances listed in these tables may not have been evaluated for use as indirect drinking water additives under NSF/ANSI 61. Use as indirect drinking water additives may require the consideration of different exposure parameters than those used for NSF/ANSI 60 evaluation.~~

~~D.2 USEPA and Health Canada drinking water criteria~~

~~Table D1 contains drinking water criteria for contaminants regulated by the USEPA and established by Health Canada. Values for each contaminant have been agreed upon by representatives of both agencies for the purpose of evaluating products against the health effects requirements of NSF/ANSI 60.~~

~~For each substance, the values in the table represent a consensus decision regarding the selection of the most appropriate assessment upon which to base NSF/ANSI 60 evaluation.~~

~~At the time of publication, the indicated values were valid. These values are subject to change, however, and the user is encouraged to contact USEPA or Health Canada for the most current values. Some of these values have been developed using a linear multistage model to predict theoretical excess carcinogenic risk at low exposure concentrations. Where the database is sufficient and the compound mode of action can be determined, the USEPA is replacing the default linear multistage model with either a biologically based cell kinetic multistage model or a margin of exposure analysis. Cancer potency (q1*) values developed using the linear multistage model may be reevaluated in the future.~~

~~D.3 NSF International peer-reviewed drinking water criteria~~

~~Table D2 contains drinking water criteria for unregulated substances for which NSF International has determined Total Allowable Concentrations (TAC) and Single Product Allowable Concentrations (SPAC) in accordance with Annex A of this Standard. These criteria have been externally peer reviewed.~~
~~At the time of publication, the indicated values were valid. These values are subject to change, however, and the user is encouraged to contact NSF International for the most current values.~~

~~D.4 Drinking water criteria based on USEPA guidance concentrations~~

~~Table D3 contains drinking water criteria for unregulated contaminants for which the acceptable drinking water concentrations are based on USEPA guidance values, including those in the USEPA Health Advisory and Integrated Risk Information System (IRIS) databases. A relative source contribution factor has been applied to calculation of the drinking water criteria when a relative source contribution factor was not applied as part of the USEPA risk assessment. In the absence of sufficient information to determine a data-derived relative source contribution factor, a default 20% drinking water contribution is assumed.~~

~~At the time of publication, the indicated values were valid. These values are subject to change, however, and the user is encouraged to contact USEPA for the most current values. Some of these values have been developed using a linear multistage model to predict risk at low exposure concentrations and may be reevaluated in the future.~~

~~D.5 Threshold of evaluation (TOE) chemical list~~

~~Table D4 contains the list of chemicals that have been evaluated under the threshold of evaluation, due to the lack of the minimum data to determine chemical specific concentrations in accordance with the requirements of Annex A (see Annex A, section A.7.1). Qualification to the threshold of evaluation category includes a comprehensive literature search for the particular substance and consideration of structure-activity relationships.~~

~~**Table D1 – U.S. Environmental Protection Agency and Health Canada NSF/ANSI 60 drinking water criteria**~~

~~**Contaminant (reference)**~~[1]	~~**Drinking water regulatory level (MCL/MAC) (mg/L)**~~	~~**Single product allowable concentration (SPAC) (mg/L)**~~
~~**Organics/pesticides**~~		
~~acrylamide (as a monomer in drinking water treatment polymers) (40 CFR §141.111, §141.110)~~	~~TT~~[2] ~~(0.05% dosed at 1 ppm, or equivalent)~~	~~TT~~[2] ~~(0.05% dosed at 1 ppm, or equivalent)~~
~~alachlor (40 CFR §141.60, §141.61)~~	~~0.002~~	~~0.0002~~
~~aldicarb aldicarb sulphone aldicarb sulphoxide (40 CFR §141.60, §141.61)~~	~~0.007~~	~~0.0007~~
~~aldrin / dieldrin issue date: 10/94~~	~~0.0007~~	~~0.00007~~
~~atrazine issue date: 04/93~~	~~0.003~~	~~0.0003~~
~~atrazine and metabolites issue date: 04/93~~	~~0.005~~	~~0.0005~~
~~azinphos-methyl issue date: 02/86~~	~~0.02~~	~~0.002~~
~~bendiocarb issue date: 02/86~~	~~0.04~~	~~0.004~~
~~benzene (40 CFR §141.60, §141.61)~~	~~0.005~~	~~0.0005~~
~~benzo(a)pyrene (PAH) (40 CFR §141.60, §141.61)~~	~~0.0002~~	~~0.00002~~
~~bromodichloromethane – see trihalomethanes (total)~~	~~N/A~~	~~N/A~~
~~bromoform – see trihalomethanes (total)~~	~~N/A~~	~~N/A~~
~~bromoxynil issue date: 03/87~~	~~0.005~~	~~0.0005~~
~~carbaryl issue date: 02/86~~	~~0.09~~	~~0.009~~
~~carbofuran (40 CFR §141.60, §141.61)~~	~~0.04~~	~~0.004~~
~~carbon tetrachloride (40 CFR §141.60, §141.61)~~	~~0.005~~	~~0.0005~~
~~chlordane (40 CFR §141.60, §141.61)~~	~~0.002~~	~~0.0002~~
~~chlorodibromomethane~~	~~N/A~~	~~N/A~~

~~**Table D1 – U.S. Environmental Protection Agency and Health Canada NSF/ANSI 60 drinking water criteria**~~

~~**Contaminant (reference)**~~[1]	~~**Drinking water regulatory level (MCL/MAC) (mg/L)**~~	~~**Single product allowable concentration (SPAC) (mg/L)**~~
~~see trihalomethanes (total)~~		
~~chloroform see trihalomethanes (total)~~	~~N/A~~	~~N/A~~
~~chlorpyrifos issue date: 02/86~~	~~0.09~~	~~0.009~~
~~cyanazine issue date: 02/86~~	~~0.01~~	~~0.001~~
~~**Organics/pesticides**~~		
~~cyanobacterial toxin (microcystin-LR) issue date: 04/02~~	~~0.0015~~	~~0.00015~~
~~2,4-D (40 CFR §141.60, §141.61)~~	~~0.07~~	~~0.007~~
~~dalapon (40 CFR §141.60, §141.61)~~	~~0.2~~	~~0.02~~
~~diazinon issue date: 02/86~~	~~0.02~~	~~0.002~~
~~dibromo-3-chloropropane (1,2-) (40 CFR §141.60, §141.61)~~	~~0.0002~~	~~0.00002~~
~~dicamba issue date: 03/87~~	~~0.12~~	~~0.012~~
~~dichlorobenzene o- (40 CFR §141.60, §141.61)~~	~~0.6~~	~~0.06~~
~~dichlorobenzene m- (see o-dichlorobenzene)~~	~~0.6~~	~~0.06~~
~~dichlorobenzene p- (40 CFR §141.60, §141.61)~~	~~0.075~~	~~0.0075~~
~~dichloroethane (1,2-) (40 CFR §141.60, §141.61)~~	~~0.005~~	~~0.0005~~
~~dichloroethylene (1,1-) (40 CFR §141.60, §141.61)~~	~~0.007~~	~~0.0007~~
~~dichloroethylene (cis-1,2-) (40 CFR §141.60, §141.61)~~	~~0.07~~	~~0.007~~
~~dichloroethylene (trans-1,2) (40 CFR §141.60, §141.61)~~	~~0.1~~	~~0.01~~
~~dichloromethane (40 CFR §141.60, §141.61)~~	~~0.005~~	~~0.0005~~
~~dichloropropane (1,2-) (40 CFR §141.60, §141.61)~~	~~0.005~~	~~0.0005~~
~~diclofop-methyl issue date: 03/87~~	~~0.009~~	~~0.0009~~
~~di(2-ethylhexyl)adipate (40 CFR §141.60, §141.61)~~	~~0.4~~	~~0.04~~

~~**Table D1 – U.S. Environmental Protection Agency and Health Canada NSF/ANSI 60 drinking water criteria**~~

~~**Contaminant (reference)**~~[1]	~~**Drinking water regulatory level (MCL/MAC) (mg/L)**~~	~~**Single product allowable concentration (SPAC) (mg/L)**~~
~~di(2-ethylhexyl)phthalate (PAE) (40 CFR §141.60, §141.61)~~	~~0.006~~	~~0.0006~~
~~dimethoate issue date: 02/86~~	~~0.020~~	~~0.002~~
~~dinoseb (40 CFR §141.60, §141.61)~~	~~0.007~~	~~0.0007~~
~~diquat (40 CFR §141.60, §141.61)~~	~~0.02~~	~~0.002~~
~~diuron issue date: 03/87~~	~~0.15~~	~~0.015~~
~~**Organics/pesticides**~~		
~~endothall (40 CFR §141.60, §141.61)~~	~~0.1~~	~~0.01~~
~~endrin (40 CFR §141.60, §141.61)~~	~~0.002~~	~~0.0002~~
~~epichlorohydrin (as a monomer in drinking water treatment polymers) (40 CFR §141.111, §141.110)~~	~~TT~~[2] ~~(0.01% dosed at 20 ppm, or equivalent)~~	~~TT~~[2] ~~(0.01% dosed at 20 ppm, or equivalent)~~
~~ethylbenzene (40 CFR §141.60, §141.61)~~	~~0.7~~	~~0.07~~
~~ethylene dibromide (EDB) (40 CFR §141.60, §141.61)~~	~~0.00005~~	~~0.000005~~
~~glyphosate (40 CFR §141.60, §141.61)~~	~~0.7~~	~~0.07~~
~~heptachlor (40 CFR §141.60, §141.61)~~	~~0.0004~~	~~0.00004~~
~~heptachlor epoxide (40 CFR §141.60, §141.61)~~	~~0.0002~~	~~0.00002~~
~~hexachlorobenzene (40 CFR §141.60, §141.61)~~	~~0.001~~	~~0.0001~~
~~hexachlorocyclopentadiene (40 CFR §141.60, §141.61)~~	~~0.05~~	~~0.005~~
~~lindane (40 CFR §141.60, §141.61)~~	~~0.0002~~	~~0.00002~~
~~malathion issue date: 02/86~~	~~0.19~~	~~0.019~~
~~methoxychlor (40 CFR §141.60, §141.61)~~	~~0.04~~	~~0.004~~
~~metolachlor issue date: 02/86~~	~~0.05~~	~~0.005~~
~~metribuzin issue date: 02/86~~	~~0.08~~	~~0.008~~

~~**Table D1 – U.S. Environmental Protection Agency and Health Canada NSF/ANSI 60 drinking water criteria**~~

~~**Contaminant (reference)**~~[1]	~~**Drinking water regulatory level (MCL/MAC) (mg/L)**~~	~~**Single product allowable concentration (SPAC) (mg/L)**~~
~~monochlorobenzene (40 CFR §141.60, §141.61)~~	~~0.1~~	~~0.01~~
~~nitrilotriacetic acid issue date: 01/90~~	~~0.4~~	~~0.04~~
~~oxamyl (Vydate) (40 CFR §141.60, §141.61)~~	~~0.2~~	~~0.02~~
~~paraquat (as dichloride) issue date: 02/86~~	~~0.01~~	~~0.001~~
~~parathion issue date: 02/86~~	~~0.05~~	~~0.005~~
~~pentachlorophenol (40 CFR §141.60, §141.61)~~	~~0.001~~	~~0.0001~~
~~phorate issue date: 02/86~~	~~0.002~~	~~0.0002~~
~~**Organics/pesticides**~~		
~~picloram issue date: 06/88~~	~~0.19~~	~~0.019~~
~~polychlorinated biphenyls (PCB) (40 CFR §141.60, §141.61)~~	~~0.0005~~	~~0.00005~~
~~simazine (40 CFR §141.60, §141.61)~~	~~0.004~~	~~0.0004~~
~~styrene (40 CFR §141.60, §141.61)~~	~~0.1~~	~~0.01~~
~~2,3,7,8-TCDD (dioxin) (40 CFR §141.60, §141.61)~~	~~3E-08~~	~~3E-09~~
~~terbufos issue date: 01/87~~	~~0.001~~	~~0.0001~~
~~tetrachloroethylene (40 CFR §141.60, §141.61)~~	~~0.005~~	~~0.0005~~
~~2,3,4,6-tetrachlorophenol issue date: 02/87~~	~~0.1~~	~~0.01~~
~~toluene (40 CFR §141.60, §141.61)~~	~~1~~	~~0.1~~
~~toxaphene (40 CFR §141.60, §141.61)~~	~~0.003~~	~~0.0003~~
~~2,4,5-TP (40 CFR §141.60, §141.61)~~	~~0.05~~	~~0.005~~
~~trichlorobenzene (1,2,4-) (40 CFR §141.60, §141.61)~~	~~0.07~~	~~0.007~~
~~trichloroethane (1,1,1-) (40 CFR §141.60, §141.61)~~	~~0.2~~	~~0.02~~
~~trichloroethane (1,1,2-) (40 CFR §141.60, §141.61)~~	~~0.005~~	~~0.0005~~

~~**Table D1 – U.S. Environmental Protection Agency and Health Canada NSF/ANSI 60 drinking water criteria**~~

~~**Contaminant (reference)**~~[1]	~~**Drinking water regulatory level (MCL/MAC) (mg/L)**~~	~~**Single product allowable concentration (SPAC) (mg/L)**~~
~~trichloroethylene (40 CFR §141.60, §141.61)~~	~~0.005~~	~~0.0005~~
~~2,4,6-trichlorophenol issue date: 02/87~~	~~0.005~~	~~0.0005~~
~~trifluralin issue date: 02/89~~	~~0.045~~	~~0.0045~~
~~trihalomethanes (total)~~ ~~— bromodichloromethane~~ ~~— bromoform~~ ~~— chlorodibromomethane~~ ~~— chloroform~~ ~~(40 CFR §141.64)~~	~~0.08~~ ~~—~~ ~~—~~ ~~—~~ ~~—~~	~~0.008~~ ~~—~~ ~~—~~ ~~—~~ ~~—~~
~~vinyl chloride (40 CFR §141.60, §141.61)~~	~~0.002~~	~~0.0002~~
~~xylenes (total) (40 CFR §141.60, §141.61)~~	~~10~~	~~1~~
~~**Regulated metals**~~		
~~antimony (40 CFR §141.60, §141.62)~~	~~0.006~~	~~0.0006~~
~~arsenic (40 CFR §141.60, §141.62)~~	~~0.010~~	~~0.001~~
~~barium (40 CFR §141.60, §141.62)~~	~~2~~	~~0.2~~
~~beryllium (40 CFR §141.60, §141.62)~~	~~0.004~~	~~0.0004~~
~~boron Health Canada issue date: 09/1990~~	~~5~~	~~0.5~~
~~cadmium (40 CFR §141.60, §141.62)~~	~~0.005~~	~~0.0005~~
~~chromium (total) (40 CFR §141.60, §141.62)~~	~~0.1~~	~~0.01~~
~~copper (40 CFR §141.80; 65 FR 1950)~~	~~TT~~[2] ~~(action level 1.3 mg/L)~~	~~0.13~~
~~lead (at tap) (40 CFR §141.80; 65 FR 1950)~~	~~TT~~[2] ~~(action level 0.015 mg/L)~~	~~0.0015~~
~~mercury (inorganic) (40 CFR §141.60, §141.62)~~	~~0.002~~	~~0.0002~~
~~selenium (40 CFR §141.60, §141.62)~~	~~0.05~~	~~0.005~~
~~thallium (40 CFR §141.60, §141.62)~~	~~0.002~~	~~0.0002~~
~~**Other inorganics**~~		
~~asbestos~~	~~7~~[3] ~~MFL~~	~~0.7 MFL~~

~~**Table D1 – U.S. Environmental Protection Agency and Health Canada NSF/ANSI 60 drinking water criteria**~~

~~**Contaminant (reference)**~~[1]	~~**Drinking water regulatory level (MCL/MAC) (mg/L)**~~	~~**Single product allowable concentration (SPAC) (mg/L)**~~
~~(40 CFR §141.60, §141.62)~~		
~~bromate (40 CFR §141.64)~~	~~0.01~~	~~0.005~~[4]
~~chloramines (total as Cl_2) (40 CFR §141.65)~~	~~4~~[5]	~~0.4~~
~~chlorate~~	~~1~~	~~0.2~~
~~chlorine (free as Cl_2) (40 CFR §141.65)~~	~~4~~[5]	~~0.4~~
~~chlorine dioxide (as ClO_2) (40 CFR §141.65)~~	~~0.8~~[5]	~~0.08~~
~~chlorite (40 CFR §141.64)~~	~~1~~	~~0.1~~
~~cyanide (as free cyanide) (40 CFR §141.60, §141.62)~~	~~0.2~~	~~0.02~~
~~fluoride (40 CFR §141.60, §141.62)~~	~~1.2~~[6]	~~1.2 as a direct additive~~[6] ~~0.12 as a contaminant~~
~~haloacetic acids (total) (40 CFR §141.64)~~	~~0.06~~	~~0.006~~
~~nitrate (as N) (40 CFR §141.60, §141.62)~~	~~10~~	~~1~~
~~**Other inorganics**~~		
~~nitrite (as N) (40 CFR §141.60, §141.62)~~	~~1~~	~~0.1~~
~~nitrate + nitrite (both as N) (40 CFR §141.60, §141.62)~~	~~10~~	~~1~~
~~**Radionuclides**~~		
~~beta particle and photon activity (40 CFR §141.16)~~	~~4 mrem/y~~	~~0.4 mrem/y~~
~~gross alpha particle activity (40 CFR §141.15)~~	~~15 pCi/L~~	~~1.5 pCi/L~~
~~combined radium 226 and 228 (40 CFR §141.15)~~	~~5 pCi/L~~	~~0.5 pCi/L~~
~~uranium Health Canada issue date: 10/1999~~	~~0.02 mg/L 13 pCi/L~~	~~0.002 mg/L 1.3 pCi/L~~

~~[1] The references for criteria based on U. S. primary drinking water regulations are from the U. S. Code of Federal Regulations, Title 40 (Protection of Environment), revised as of July 1, 2011. This document is available on-line at <http://www.gpo.gov/fdsys/browse/collectionCfr.action?collectionCode=CFR>. Issue dates are given for criteria based on Health Canada guidelines. Additional information on the guidelines for these chemicals is available at <http://hc-sc.gc.ca/ewh-semt/pubs/water-eau/index-eng.php#tech_doc.>~~

~~[2] TT - Treatment technique.~~

~~[3] MFL = Million fibers per liter, with fiber length > 10 microns.~~

~~**Table D1 – U.S. Environmental Protection Agency and Health Canada NSF/ANSI 60 drinking water criteria**~~

~~**Contaminant (reference)**~~[1]	~~**Drinking water regulatory level (MCL/MAC) (mg/L)**~~	~~**Single product allowable concentration (SPAC) (mg/L)**~~

~~[4] Revisions to bromate requirements of this section have been made and are located in Annex G of this Standard. Please refer to that annex for additional details. The revisions contained in Annex G are informational at this time and are scheduled to be incorporated into this section January 1, 2013.~~

~~[5] Value represents the maximum residual disinfectant level (MRDL).~~

~~[6] "Recommendations for Using Fluoride to Prevent and Control Dental Caries in the United States," August 17, 2001 / Morbidity & Mortality Weekly Report 50 (RR14); 1-42.~~

~~**Table D2 – NSF International peer-reviewed drinking water criteria**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~
~~**Inorganics**~~				
~~aluminum~~	~~**7429-90-5**~~	~~9~~	~~2~~	~~NSF action level[1] External peer review date: 05/10/2011~~
~~bromine bromide~~	~~7726-95-6 24959-67-9~~	~~10 (total[2])~~	~~1 (total[2])~~	~~NSF action level[1] External peer review date: 09/21/2011~~
~~iodine~~	~~7553-56-2~~	~~0.3~~	~~0.1~~	~~NSF action level[1] External peer review date: 04/25/2002~~
~~lanthanum carbonate~~	~~587-26-8~~	~~4~~	~~0.4~~	~~NSF action level[1] External peer review date: 10/29/2009~~
~~thiocyanate - potassium salt - sodium salt - ammonium salt~~	~~333-20-0 540-72-7 1762-95-4~~	~~0.2 (total as SCN^2)~~	~~0.02 (total as SCN^2)~~	~~NSF action level[1] External peer review date: 09/03/2003~~
~~titanium and titanium dioxide~~	~~7440-32-6 13463-67-7~~	~~90 (total as Ti^2)~~	~~9 (total as Ti^2)~~	~~NSF action level[1] External peer review date: 09/04/2003~~
~~tungsten~~	~~7440-33-7~~	~~0.01~~	~~0.01~~	~~NSF action level[1] External peer review date: 04/06/2005~~
~~**Organics**~~				
~~acetophenone~~	~~98-86-2~~	~~0.2~~	~~0.02~~	~~NSF action level[1] External peer review date: 09/03/2003~~
~~adipic acid~~	~~124-04-9~~	~~30~~	~~3~~	~~NSF action level[1] External peer review~~

~~**Table D2 – NSF International peer-reviewed drinking water criteria**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~
				~~date: 04/06/2005~~
~~benzaldehyde~~	~~100-52-7~~	~~40~~	~~4~~	~~NSF action level[1] External peer review date: 09/20/2011~~
~~benzophenone~~	~~119-61-9~~	~~0.3~~	~~0.03~~	~~NSF action level[1] External peer review date: 09/21/2011~~
~~benzyl alcohol~~	~~100-51-6~~	~~3~~	~~0.3~~	~~NSF action level[1] External peer review date: 04/26/2002~~
~~bisphenol A diglycidyl ether~~ ~~bisphenol A diglycideryl ether~~	~~1675-54-3~~ ~~5581-32-8~~	~~1 (total)~~	~~0.1 (total)~~	~~NSF action level[1] External peer review date: 10/03/2002~~
~~1-bromo-3-chloro-5,5-dimethylhydantoin~~	~~16079-88-2~~	~~50~~	~~9~~	~~NSF action level[1] External peer review date: 05/05/2010~~
~~**Organics**~~				
~~t-butanol~~	~~75-65-0~~	~~9~~	~~0.9~~	~~NSF action level[1] External peer review date: 10/03/2002~~
~~di-t-butyl peroxide~~	~~110-05-4~~	~~0.01~~	~~0.01~~	~~NSF action level[1] External peer review date: 10/03/2002~~
~~n-butyl acetate~~	~~123-86-4~~	~~1~~	~~0.1~~	~~NSF action level[1] External peer review date: 04/25/2002~~
~~t-butyl acetate~~	~~540-88-5~~	~~0.6~~	~~0.06~~	~~NSF action level[1] External peer review date: 04/17/2007~~
~~p-tert-butylphenol~~	~~98-54-4~~	~~0.5~~	~~0.05~~	~~NSF action level[1] External peer review date: 10/05/2010~~
~~γ-butyrolactone~~	~~96-48-0~~	~~4~~	~~0.4~~	~~NSF action level[1] External peer review date: 10/04/2002~~
~~2-chloro-1,4-benzenediamine~~	~~615-66-7~~	~~0.3~~	~~0.03~~	~~NSF action level[1] External peer review date: 04/20/2004~~

~~**Table D2 – NSF International peer-reviewed drinking water criteria**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~
~~4-chloro-1,2-benzenediamine~~	~~95-83-0~~	~~0.2~~	~~0.02~~	~~NSF action level[1] External peer review date: 04/20/2004~~
~~4-chloro-1,3-benzenediamine~~	~~5131-60-2~~	~~0.3~~	~~0.03~~	~~NSF action level[1] External peer review date: 04/06/2005~~
~~4-chlorobenzo-trifluoride~~	~~98-56-6~~	~~0.3~~	~~0.03~~	~~NSF action level[1] External peer review date: 04/07/2006~~
~~p-chloro-m-cresol~~	~~59-50-7~~	~~0.7~~	~~0.07~~	~~NSF action level[1] External peer review date: 04/25/2002~~
~~1,2-cyclohexane dicarboxylic acid, di-isononyl ester (DINCH)~~	~~474919-59-0 (US) 166412-78-8 (outside US)~~	~~5~~	~~0.5~~	~~NSF action level[1] External peer review date: 10/15/2008~~
~~cyclohexanone~~	~~108-94-1~~	~~30~~	~~3~~	~~NSF action level[1] External peer review date: 04/26/2002~~
~~diacetone alcohol~~	~~123-42-2~~	~~3~~	~~0.3~~	~~NSF action level[1] External peer review date: 05/10/2011~~
~~1,3-dibromo-5,5-dimethylhydantoin~~	~~77-48-5~~	~~60~~	~~10~~	~~NSF action level[1] External peer review date: 05/05/2010~~
~~**Organics**~~				
~~2,2-dibromo-3-nitrilopropionamide~~	~~10222-01-2~~	~~0.4~~	~~0.09~~	~~NSF action level[1] External peer review date: 04/20/2004~~
~~2,6-dichloro-1,4-benzenediamine~~	~~609-20-1~~	~~0.02~~	~~0.002~~	~~NSF action level[1] External peer review date: 04/22/2009~~
~~2,4-dichlorobenzoic acid~~	~~50-84-0~~	~~0.1~~	~~0.01~~	~~NSF action level[1] External peer review date: 04/21/2004~~
~~1,3-dichloro-5,5-dimethylhydantoin~~	~~118-52-5~~	~~40~~	~~7~~	~~NSF action level[1] External peer review date: 05/05/2010~~
~~diethanolamine~~	~~111-42-2~~	~~0.1~~	~~0.01~~	~~NSF action level[1] External peer review date: 04/17/2007~~
~~diethylene glycol~~	~~112-34-5~~	~~0.6~~	~~0.06~~	~~NSF action level[1]~~

~~**Table D2 – NSF International peer-reviewed drinking water criteria**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~
~~mono-n-butyl ether~~				~~External peer review date: 10/05/2010~~
~~diethylenetriamine~~	~~111-40-0~~	~~0.3~~	~~0.03~~	~~NSF action level[1] External peer review date: 09/20/2011~~
~~diethyl 2-ethoxysuccinate~~	~~17596-10-0~~	~~2~~	~~0.2~~	~~NSF action level[1] External peer review date: 10/29/2009~~
~~di(2-ethylhexyl) terephthalate~~	~~6422-86-2~~	~~1~~	~~0.1~~	~~NSF action level[1] External peer review date: 04/17/2008~~
~~diethyltoluene-diamine, mixed isomers~~	~~68479-98-1 75389-89-8~~	~~0.0006 (total[2])~~	~~0.00006 (total[2])~~	~~NSF action level[1] External peer review date: 10/06/2010~~
~~dimethyl glutarate~~	~~1119-40-0~~	~~0.01~~	~~0.01~~	~~NSF action level[1] External peer review date: 04/22/2009~~
~~dimethyl succinate~~	~~106-65-0~~	~~0.01~~	~~0.01~~	~~NSF action level[1] External peer review date: 04/22/2009~~
~~dimethyl terephthalate~~	~~120-61-6~~	~~3~~	~~0.3~~	~~NSF action level[1] External peer review date: 04/23/2009~~
~~di(2-propylheptyl) phthalate~~	~~53306-54-0~~	~~0.4~~	~~0.04~~	~~NSF action level[1] External peer review date: 10/10/2006~~
~~dodecanedioic acid~~	~~693-23-2~~	~~30~~	~~30~~	~~NSF action level[1] External peer review date: 10/07/2005~~
~~1,2-epoxybutane~~	~~106-88-7~~	~~0.06~~	~~0.006~~	~~NSF action level[1] External peer review date: 04/22/2009~~
~~**Organics**~~				
~~ethanolamine~~	~~141-43-5~~	~~0.6~~	~~0.06~~	~~NSF action level[1] External peer review date: 04/17/2007~~
~~ethylenediamine~~	~~107-15-3~~	~~10~~	~~2~~	~~NSF action level[1] External peer review date: 04/06/2005~~
~~ethyl t-butyl ether~~	~~637-92-3~~	~~20~~	~~2~~	~~NSF action level[1] External peer review date: 10/06/2010~~
~~2-ethylhexanoic acid~~	~~149-57-5~~	~~0.7~~	~~0.07~~	~~NSF action level[1] External peer review~~

~~**Table D2 – NSF International peer-reviewed drinking water criteria**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~
				~~date: 04/06/2005~~
~~2-ethylhexanol~~	~~104-76-7~~	~~0.8~~	~~0.08~~	~~NSF action level[1] External peer review date: 04/17/2008~~
~~fatty acids, C12-21 and C18-unsaturated, 2,2,6,6-tetramethyl-4-piperidinyl esters~~	~~167078-06-0~~	~~0.05~~	~~0.05~~	~~NSF action level[1] External peer review date: 05/06/2010~~
~~furfural~~	~~98-01-1~~	~~0.2~~	~~0.02~~	~~NSF action level[1] External peer review date: 09/03/2003~~
~~hexamethylene-diamine~~	~~124-09-4~~	~~10~~	~~1~~	~~NSF action level[1] External peer review date: 04/06/2006~~
~~1(3H)-isobenzofuranone~~	~~87-41-2~~	~~0.01~~	~~0.01~~	~~NSF action level[1] External peer review date: 04/06/2006~~
~~laurolactam~~	~~947-04-6~~	~~0.4~~	~~0.04~~	~~NSF action level[1] External peer review date: 10/15/2008~~
~~melamine~~	~~108-78-1~~	~~3.0~~	~~0.3~~	~~NSF action level[1] External peer review date: 04/14/1999~~
~~methanol~~	~~67-56-1~~	~~20~~	~~2~~	~~NSF action level[1] External peer review date: 04/06/2006~~
~~4-methoxy-benzaldehyde~~	~~123-11-5~~	~~6~~	~~0.6~~	~~NSF action level[1] External peer review date: 09/20/2011~~
~~3-methyl-2-buten-1-ol~~	~~556-82-1~~	~~0.5~~	~~0.05~~	~~NSF action level[1] External peer review date: 05/10/2011~~
~~2-methyl-3-buten-2-ol~~ ~~3-methyl-3-buten-1-ol~~	~~115-18-4~~ ~~763-32-6~~	~~0.05 (total[2])~~	~~0.05 (tota[2])~~	~~NSF action level[1] External peer review date: 05/10/2011~~

~~**Organics**~~

~~**Table D2 – NSF International peer-reviewed drinking water criteria**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~
~~methyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate~~ ~~3 (3,5-di-tert-butyl-4-hydroxyphenyl) propionic acid~~	~~6386-38-5~~ ~~20170-32-5~~	~~0.02 (total[2])~~	~~0.002 (total[2])~~	~~NSF action level[1] External peer review date: 04/20/04~~
~~4,4'-methylene dianiline~~	~~101-77-9~~	~~0.0008~~	~~0.00008~~	~~NSF action level[1] External peer review date: 04/22/2009~~
~~4,4'-methylenebis(2,6-diisopropylaniline)~~	~~19900-69-7~~	~~0.05~~	~~0.05~~	~~NSF action level[1] External peer review date: 10/29/2009~~
~~methyl isoamyl ketone (MIAK)~~	~~110-12-3~~	~~0.06~~	~~0.006~~	~~NSF action level[1] External peer review date: 04/25/2002~~
~~methyl isobutyl ketone (MIBK)~~	~~108-10-1~~	~~7~~	~~0.7~~	~~NSF action level[1] External peer review date: 10/06/2005~~
~~mineral oils~~ ~~high viscosity, ≥ 11 centistokes~~ ~~medium and low viscosity Class I, 8.5-11 centistokes~~ ~~medium and low viscosity Class II, 7.0-8.5 centistokes~~ ~~medium and low viscosity Class III, 3.0-7.0 centistokes~~	~~8012-95-1 (USP)~~ ~~8042-47-5 (white)~~	~~700~~ ~~700~~ ~~40~~ ~~1~~	~~70~~ ~~70~~ ~~4~~ ~~0.1~~	~~NSF action level[1] External peer review date: 04/24/2004~~
~~N-butylbenzene-sulfonamide~~	~~3622-84-2~~	~~0.01~~	~~0.01~~	~~NSF action level[1] External peer review date: 09/20/2011~~
~~N,N-dimethylacetamide~~	~~127-19-5~~	~~2~~	~~0.2~~	~~NSF action level[1] External peer review date: 10/05/2010~~

~~**Table D2 – NSF International peer-reviewed drinking water criteria**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~
~~**Organics**~~				
~~oligomeric cyclic ethers CBEL (total OCE 3-6)~~ ~~OCE-3: 1,6,11-trioxacyclo pentadecane~~ ~~OCE-4: 1,6,11,16-tetraoxacyclo-pentadecane~~ ~~OCE-5: 1,6,11,16,21-pentaoxacyclo-pentadecane~~ ~~OCE-6: 1,6,11,16,21,26-hexaoxacyclo-pentadecane~~	~~295-63-6~~ ~~17043-02-6~~ ~~56890-57-4~~ ~~64001-05-4~~	~~3 (total[2])~~	~~0.4 (total[2])~~	~~NSF action level[1] External peer review date: 10/04/2002~~
~~phenyl glycidyl ether~~	~~122-60-1~~	~~0.006~~	~~0.0006~~	~~NSF action level[1] External peer review date: 10/03/2002~~
~~poly(dimethyl diallyl ammonium chloride) (polyDADMAC)~~	~~26062-79-3~~	~~5~~	~~2~~	~~NSF action level1 External peer review date: 10/06/2010~~
~~di-propylene glycol n-butyl ether~~	~~29911-28-2~~	~~2~~	~~0.2~~	~~NSF action level[1] External peer review date: 10/03/2002~~
~~propylene glycol n-butyl ether~~	~~5131-66-8~~	~~2~~	~~0.2~~	~~NSF action level[1] External peer review date: 10/03/2002~~
~~terephthalic acid~~	~~100-21-0~~	~~3~~	~~0.3~~	~~NSF action level[1] External peer review date: 10/16/2008~~
~~2,2,6,6-tetramethyl-4-piperidinol~~ ~~2,2,6,6-tetramethyl-4-piperidinone~~	~~2403-88-5~~ ~~826-36-8~~	~~0.05 (total[2])~~	~~0.05 (total[2])~~	~~NSF action level[1] External peer review date: 05/10/2011~~
~~tetramethyl-succinonitrile~~	~~3333-52-6~~	~~0.01~~	~~0.01~~	~~NSF action level[1] External peer review~~

~~**Table D2 – NSF International peer-reviewed drinking water criteria**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~
				~~date: 05/06/2010~~
~~tetramethylthiourea~~	~~2782-91-4~~	~~0.01~~	~~0.01~~	~~NSF action level[1] External peer review date: 09/20/2011~~
~~o-toluidine~~	~~95-53-4~~	~~0.03~~	~~0.003~~	~~NSF action level[1] External peer review date: 05/05/2010~~
~~**Organics**~~				
~~triallylisocyanurate~~	~~1025-15-6~~	~~0.04~~	~~0.04~~	~~NSF action level[1] External peer review date: 05/06/2010~~
~~2,4,4'-trichloro-2'-hydroxydiphenyl ether~~	~~3380-34-5~~	~~0.5~~	~~0.05~~	~~NSF action level[1] External peer review date: 10/19/2000~~
~~triethanolamine~~	~~102-71-6~~	~~3~~	~~0.3~~	~~NSF action level[1] External peer review date: 10/10/2006~~
~~triethyl citrate~~	~~77-93-0~~	~~4~~	~~0.4~~	~~NSF action level[1] External peer review date: 11/05/2004~~
~~triethyl phosphate tripropyl phosphate tributyl phosphate~~	~~78-40-0 513-08-6 126-73-8~~	~~0.2 (total[2])~~	~~0.02 (total[2])~~	~~NSF action level[1] External peer review date: 10/10/2006~~

~~**Table D2 – NSF International peer-reviewed drinking water criteria**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~
~~2,2,4-trimethyl-1,3-pentanediol diisobutyrate~~	~~6846-50-0~~			
~~2,2,4-trimethyl-1,3-pentanediol monoisobytyrate~~	~~25265-77-4 and 18491-15-1~~			
~~2,2,4-trimethyl-1,3-pentanediol~~	~~144-19-4~~			
~~propanoic acid, 2-methyl-, 3-hydroxy-2,2,4-trimethylpentyl ester~~	~~77-68-9~~	~~0.4 (total[2])~~	~~0.04 (total[2])~~	~~NSF action level[1] External peer review date: 05/10/2011~~
~~propanoic acid, 2-methyl-, 2,2-dimethyl-1-(2-hydroxy-1-methylethyl)propyl ester~~	~~74367-33-2~~			
~~propanoic acid, 2-methyl-, 3-hydroxy-2,4,4-trimethylpentyl ester~~	~~74367-34-3~~			
~~1,3,5-trioxane~~	~~110-88-3~~	~~0.7~~	~~0.07~~	~~NSF action level[1] External peer review date: 04/20/04~~

~~**Organics**~~				
~~tris (2-butoxyethyl) phosphate~~	~~78-51-3~~	~~0.4~~	~~0.04~~	~~NSF action level[1] External peer review date: 05/10/2011~~

~~[1] NSF action levels have been derived according to the requirements of NSF/ANSI 60 – Annex A.~~

~~[2] The total concentration of the specified CAS #s in each grouping shall not exceed the TAC or SPAC.~~

~~**Table D3 – Drinking water criteria based on USEPA guidance concentrations**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**[1, 2, 3]~~
~~**Inorganics**~~				
~~chromium III~~	~~16065-83-1~~	~~10~~	~~1~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency consensus date: 04/28/1998~~
~~chromium VI~~	~~18540-29-9~~	~~0.02~~	~~0.002~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency consensus date: 04/28/1998~~
~~manganese~~	~~7439-96-5~~	~~0.3~~	~~0.03~~	~~Derived from the oral RfD on the USEPA IRIS database, with a 3x modifying factor because of the large contribution from food sources and a default 20% relative source contribution for drinking water. Verification date: 05/12/1995~~
~~molybdenum~~	~~7439-98-7~~	~~0.04~~	~~0.004~~	~~USEPA Draft Health Advisory issue date: 1993~~
~~perchlorate~~[4] ~~sodium perchlorate~~ ~~potassium perchlorate~~ ~~lithium perchlorate~~ ~~ammonium perchlorate~~	~~014797-73-0~~ ~~7601-89-0~~ ~~7778-74-7~~ ~~7791-03-9~~ ~~7790-98-9~~	~~0.015 (total[5])~~	~~0.005 (total[5])~~	~~USEPA Interim Health Advisory Issue Date: 2008~~
		~~0.006 (total[5])~~	~~0.002 (total[5])~~	~~California MCL~~
		~~0.002 (total[5])~~	~~0.0007 (total[5])~~	~~Massachusetts MCL~~
~~silver~~	~~7440-22-4~~	~~0.1~~	~~0.01~~	~~USEPA Lifetime Drinking Water Health Advisory Issue date: 1992~~
~~strontium~~	~~7440-24-6~~	~~4~~	~~0.4~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 06/23/1992~~

~~**Table D3 – Drinking water criteria based on USEPA guidance concentrations**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~[1, 2, 3]
~~**Organics**~~				
~~acetone~~	~~67-64-1~~	~~6~~	~~0.6~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency consensus date: 05/29/03~~
~~acrolein~~	~~107-02-8~~	~~0.004~~	~~0.0004~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency consensus date: 05/16/2003~~
~~acrylic acid~~	~~79-10-7~~	~~4~~	~~0.4~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. verification date: 02/17/1994~~
~~acrylonitrile~~	~~107-13-1~~	~~0.0006~~	~~0.00006~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. verification date: 02/11/1987~~
~~benzyl chloride~~	~~100-44-7~~	~~0.002~~	~~0.0002~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. verification date: 03/01/1989~~
~~bromochloromethane~~	~~74-97-5~~	~~0.09~~	~~0.009~~	~~USEPA Lifetime Drinking Water Health Advisory issue date: 1989~~
~~bromomethane~~	~~74-83-9~~	~~0.01~~	~~0.001~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 05/26/1988~~

~~**Table D3 – Drinking water criteria based on USEPA guidance concentrations**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~[1, 2, 3]
~~**Organics**~~				
~~butylbenzyl phthalate~~	~~85-68-7~~	~~1~~	~~0.1~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 06/15/1989~~
~~n-butanol~~	~~71-36-3~~	~~0.7~~	~~0.07~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 05/14/1986~~
~~carbon disulfide~~	~~75-15-0~~	~~0.7~~	~~0.07~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 08/05/1985~~
~~chloral hydrate~~	~~302-17-0~~	~~0.7~~	~~0.07~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 11/16/1999~~
~~2-chlorotoluene~~	~~95-49-8~~	~~0.1~~	~~0.01~~	~~Based on the oral RfD and lifetime drinking water health advisory in the USEPA 2011 Edition of the Drinking Water Standards and Health Advisories~~
~~4-chlorotoluene~~	~~106-43-4~~	~~0.1~~	~~0.01~~	~~Based on the oral RfD and lifetime drinking water health advisory in the USEPA 2011 Edition of the Drinking Water Standards and Health Advisories~~
~~1,4-dibromobenzene~~	~~106-37-6~~	~~0.07~~	~~0.007~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 05/15/1986~~

~~**Table D3 – Drinking water criteria based on USEPA guidance concentrations**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~[1, 2, 3]
~~1,2-dibromoethane~~	~~106-93-4~~	~~0.0002~~	~~0.00002~~	~~USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Agency Completion Date: 07/26/2004~~
~~**Organics**~~				
~~dichloroacetic acid~~	~~79-43-6~~	~~0.007~~	~~0.0007~~	~~USEPA IRIS $10^{-5}/10^{-6}$ upper bound risk levels. Agency Consensus Date: 08/20/2003~~
~~di-n-butyl phthalate~~	~~84-74-2~~	~~0.7~~	~~0.07~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 01/22/1986~~
~~1,3-dichloropropene~~ ~~- mixed isomers~~ ~~- cis-~~ ~~- trans-~~	~~542-75-6~~ ~~10061-01-5~~ ~~10061-02-6~~	~~0.004 (total[5])~~	~~0.0004 (total[5])~~	~~USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Agency Consensus Date: 04/20/2000~~
~~diethyl phthalate~~	~~84-66-2~~	~~6~~	~~0.6~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 07/16/1987~~
~~2,4-dimethylphenol~~	~~105-67-9~~	~~0.1~~	~~0.01~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 02/21/1990~~

~~Table D3 – Drinking water criteria based on USEPA guidance concentrations~~

~~Substance~~	~~CAS #~~	~~Total allowable concentration (TAC) mg/L~~	~~Single product allowable concentration (SPAC) mg/L~~	~~Source of supporting documentation[1, 2, 3]~~
~~2,6-dimethylphenol~~	~~576-26-1~~	~~0.004~~	~~0.0004~~	~~Derived from the oral RfD on the USEPA IRIS database with an default 20% relative source contribution for drinking water. verification date: 01/22/1986~~
~~3,4-dimethylphenol~~	~~95-65-8~~	~~0.007~~	~~0.0007~~	~~Derived from the oral RfD on the USEPA IRIS database with an default 20% relative source contribution for drinking water. verification date: 01/22/1986~~
~~diphenylamine~~	~~122-39-4~~	~~0.2~~	~~0.02~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 07/22/1986~~
~~**Organics**~~				
~~1,4-dithiane~~	~~505-29-3~~	~~0.07~~	~~0.007~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 06/24/1992~~
~~1,4-dioxane~~	~~123-91-1~~	~~0.03~~	~~0.003~~	~~USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels Verification date: 02/03/88~~
~~ethylene glycol~~	~~107-21-1~~	~~10~~	~~1~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. verification date: 03/19/1987~~
~~ethylene glycol monobutyl ether~~	~~111-76-2~~	~~4~~	~~0.4~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 11/16/1999~~

~~Table D3 – Drinking water criteria based on USEPA guidance concentrations~~

~~Substance~~	~~CAS #~~	~~Total allowable concentration (TAC) mg/L~~	~~Single product allowable concentration (SPAC) mg/L~~	~~Source of supporting documentation[1, 2, 3]~~
~~formaldehyde~~	~~50-00-0~~	~~1~~	~~0.1~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. verification date: 06/20/1990~~
~~1,2,3,4,6,7,8-hepta-chlorodibenzo-p-dioxin~~	~~35822-46-9~~	~~0.000003~~	~~0.0000003~~	~~Toxic Equivalency Factor: 0.01~~
~~1,2,3,4,6,7,8-hepta-chlorodibenzofuran~~	~~67562-39-4~~	~~0.000003~~	~~0.0000003~~	~~Toxic Equivalency Factor: 0.01~~
~~1,2,3,4,7,8,9-hepta-chlorodibenzofuran~~	~~55673-89-7~~	~~0.000003~~	~~0.0000003~~	~~Toxic Equivalency Factor: 0.01~~
~~hexabromobenzene~~	~~87-82-1~~	~~0.01~~	~~0.001~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. verification date: 11/06/1985~~
~~1,2,3,4,7,8-hexachloro-dibenzo-p-dioxin~~	~~39227-28-6~~	~~0.0000003~~	~~0.00000003~~	~~Toxic Equivalency Factor: 0.1~~
~~1,2,3,7,8,9-hexachloro-dibenzo-p-dioxin~~	~~19408-74-3~~	~~0.0000003~~	~~0.00000003~~	~~Toxic Equivalency Factor: 0.1~~
~~1,2,3,6,7,8-hexachloro-dibenzo-p-dioxin~~	~~57653-85-7~~	~~0.0000003~~	~~0.00000003~~	~~Toxic Equivalency Factor: 0.1~~
~~1,2,3,4,7,8-hexachloro-dibenzofuran~~	~~70648-26-9~~	~~0.0000003~~	~~0.00000003~~	~~Toxic Equivalency Factor: 0.1~~
~~**Organics**~~				
~~1,2,3,7,8,9-hexachloro-dibenzofuran~~	~~72918-21-9~~	~~0.0000003~~	~~0.00000003~~	~~Toxic Equivalency Factor: 0.1~~
~~1,2,3,6,7,8-hexachloro-dibenzofuran~~	~~57117-44-9~~	~~0.0000003~~	~~0.00000003~~	~~Toxic Equivalency Factor: 0.1~~
~~2,3,4,6,7,8-hexachloro-dibenzofuran~~	~~60851-34-5~~	~~0.0000003~~	~~0.00000003~~	~~Toxic Equivalency Factor: 0.1~~
~~isopropylbenzene (cumene)~~	~~98-82-8~~	~~0.7~~	~~0.07~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 06/06/1997~~
~~maleic anhydride~~	~~108-31-6~~	~~0.7~~	~~0.07~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative~~

~~Table D3 – Drinking water criteria based on USEPA guidance concentrations~~

~~Substance~~	~~CAS #~~	~~Total allowable concentration (TAC) mg/L~~	~~Single product allowable concentration (SPAC) mg/L~~	~~Source of supporting documentation[1, 2, 3]~~
				~~source contribution for drinking water. Verification date: 03/24/1988~~
~~methyl ethyl ketone (MEK)~~	~~78-93-3~~	~~4~~	~~0.4~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 09/10/2003~~
~~methyl mercury~~	~~22967-92-6~~	~~0.0007~~	~~0.00007~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 06/19/2001~~
~~methyl methacrylate~~	~~80-62-6~~	~~10~~	~~1~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 11/25/1997~~
~~2-methyl naphthalene~~	~~91-57-6~~	~~0.03~~	~~0.003~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 12/11/2003~~
~~**Organics**~~				
~~naphthalene~~	~~91-20-3~~	~~0.1~~	~~0.01~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 07/01/1998~~
~~nitroguanidine~~	~~556-88-7~~	~~0.7~~	~~0.07~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for~~

~~Table D3 – Drinking water criteria based on USEPA guidance concentrations~~

~~Substance~~	~~CAS #~~	~~Total allowable concentration (TAC) mg/L~~	~~Single product allowable concentration (SPAC) mg/L~~	~~Source of supporting documentation[1, 2, 3]~~
				~~drinking water. Verification date: 05/17/1989~~
~~N-nitroso-di-n-butylamine~~	~~924-16-3~~	~~0.00006~~	~~0.000006~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. Verification date: 10/29/86~~
~~N-nitroso-N-methylethylamine~~	~~10595-95-6~~	~~0.00002~~	~~0.000002~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. Verification date: 02/11/87~~
~~N-nitroso-di-N-propylamine~~	~~621-64-7~~	~~0.00005~~	~~0.000005~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. Verification date: 02/11/87~~
~~N-nitrosodiethanolamine~~	~~1116-54-7~~	~~0.0001~~	~~0.00001~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. Verification date: 01/28/87~~
~~N-nitrosodiethylamine~~	~~55-18-5~~	~~0.000002~~	~~0.0000002~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. Verification date: 10/29/86~~
~~N-Nitrosodimethylamine~~	~~62-75-9~~	~~0.000007~~	~~0.0000007~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. verification date: 10/29/86~~
~~N-nitrosodiphenylamine~~	~~86-30-6~~	~~0.07~~	~~0.007~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. Verification date: 02/11/87~~
~~N-nitrosopyrrolidine~~	~~930-55-2~~	~~0.0002~~	~~0.00002~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. Verification date: 10/14/86~~
~~1,2,3,4,6,7,8,9-octa-chlorodibenzo-p-dioxin~~	~~3268-87-9~~	~~0.0003~~	~~0.00003~~	~~Toxic Equivalency Factor: 0.0001~~
~~1,2,3,4,6,7,8,9-octachlorodibenzofuran~~	~~39001-02-0~~	~~0.0003~~	~~0.00003~~	~~Toxic Equivalency Factor: 0.0001~~
~~1,2,3,7,8-penta-chlorodibenzo-p-dioxin~~	~~40321-76-4~~	~~0.00000003~~	~~0.000000003~~	~~Toxic Equivalency Factor: 1~~
~~1,2,3,7,8-penta-chlorodibenzofuran~~	~~57117-41-6~~	~~0.0000006~~	~~0.00000006~~	~~Toxic Equivalency Factor: 0.05~~
~~2,3,4,7,8- penta-chlorodibenzofuran~~	~~57117-31-4~~	~~0.00000006~~	~~0.000000006~~	~~Toxic Equivalency Factor: 0.5~~
~~**Organics**~~				
~~pentachloronitrobenzene~~	~~82-68-8~~	~~0.02~~	~~0.002~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 04/15/1987~~

~~Table D3 – Drinking water criteria based on USEPA guidance concentrations~~

~~Substance~~	~~CAS #~~	~~Total allowable concentration (TAC) mg/L~~	~~Single product allowable concentration (SPAC) mg/L~~	~~Source of supporting documentation[1, 2, 3]~~
~~phenol~~	~~108-95-2~~	~~2~~	~~0.2~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 08/28/2002~~
~~m-phenylenediamine~~	~~108-45-2~~	~~0.04~~	~~0.004~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 02/26/1986~~
~~phthalic anhydride~~	~~85-44-9~~	~~10~~	~~1~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 02/24/1988~~
~~propylene oxide~~	~~75-56-9~~	~~0.001~~	~~0.0001~~	~~USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. verification date: 04/05/1990~~
~~pyridine~~	~~110-86-1~~	~~0.007~~	~~0.0007~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 08/13/1987~~
~~quinoline~~	~~91-22-5~~	~~0.0001~~	~~0.00001~~	~~USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Agency Consensus Date: 09/21/2001~~
~~sodium diethyldithiocarbamate~~	~~148-18-5~~	~~0.2~~	~~0.02~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 10/09/1985~~
~~2,3,7,8-tetra-chlorodibenzo-p-dioxin~~	~~1746-01-6~~	~~0.00000003~~	~~0.000000003~~	~~Toxic Equivalency Factor: 1~~
~~2,3,7,8-tetrachlorodibenzofuran~~	~~51207-31-9~~	~~0.0000003~~	~~0.00000003~~	~~Toxic Equivalency Factor: 0.1~~
~~**Organics**~~				

~~**Table D3 – Drinking water criteria based on USEPA guidance concentrations**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~[1, 2, 3]
~~1,1,1,2-tetrachloroethane~~	~~630-20-6~~	~~0.01~~	~~0.001~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. verification date: 05/04/1988~~
~~1,1,2,2-tetrachloroethane~~	~~79-34-5~~	~~0.002~~	~~0.0002~~	~~USEPA IRIS 10^{-5}/10^{-6} cancer risk levels. verification date: 06/26/1986~~
~~1,2,4-tribromobenzene~~	~~615-54-3~~	~~0.04~~	~~0.004~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 05/15/1986~~
~~tributyltin oxide~~	~~56-35-9~~	~~0.002~~	~~0.0002~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus date: 07/02/1997~~
~~trichlorofluoromethane~~	~~75-69-4~~	~~2~~	~~0.2~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 05/31/1985~~
~~1,2,3-trichloropropane~~	~~96-18-4~~	~~0.04~~	~~0.004~~	~~USEPA Lifetime Drinking Water Health Advisory issue date: 1989~~
~~1,3,5-trinitrobenzene~~	~~99-35-4~~	~~0.2~~	~~0.02~~	~~Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 08/27/1997~~

~~**Table D3 – Drinking water criteria based on USEPA guidance concentrations**~~

~~**Substance**~~	~~**CAS #**~~	~~**Total allowable concentration (TAC) mg/L**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~[1, 2, 3]

~~[1] Criteria are derived from the oral RfD on the USEPA IRIS database as follows:~~

~~Oral RfD (mg /kg-d) x (70 kg /2 L/d) x relative source contribution factor = TAC (mg/L)~~

~~where:~~

~~70 kg = assumed adult body weight~~
~~2 L/d = assumed adult water consumption~~
~~relative source contribution factor = percentage of daily exposure to the substance represented by drinking water (default value is 20%)~~

~~Other criteria have been used directly, unless otherwise noted.~~

~~[2] The IRIS verification date represents the date the oral RfD or the cancer risk assessment was peer reviewed by the USEPA. Refer to the online IRIS database for the complete update and revision history of the IRIS files: <www.epa.gov/IRIS>.~~

~~[3] Toxic Equivalency Factors (TEFs) have been established as a means to compare the potency of 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) to individual congeners of polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), and polychlorinated biphenyls (PCBs). The USEPA uses an approach to dioxin risk assessment methodology in which levels of dioxins and furans are analytically determined, the concentration of each congener is multiplied by its respective TEF value, and all the products are totaled to a single 2,3,7,8-TCDD equivalent.~~

~~Van den Berg et al. 1998. Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife. Environmental Health Perspectives 106(12):775:792.~~

~~U.S. Environmental Protection Agency. 2000. Chapter 9: Toxic Equivalency Factors (TEFs) for Dioxin and Related Compounds. From Exposure and Human Health Risk Assessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds. Part II: Health Assessment for 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Related Compounds. NCEA-I-0386. September 2000. SAB Review Draft. <www.epa.gov/ncea/pdfs/dioxin/part2/fm-chap9.pdf>~~

~~[4] Compliance to Single Product Allowable Concentrations based on US State or other regulatory levels may be demonstrated by establishing the SPAC as 1/3 of the regulatory level.~~

~~[5] The total concentration of the specified CAS #s in each grouping shall not exceed the TAC or SPAC.~~

~~**Table D4 – Threshold of evaluation chemicals**~~[1]

~~**Substance**~~	~~**CAS #**~~
~~**Inorganics**~~	
~~cerium~~	~~007440-45-1~~
~~gallium~~	~~007440-55-3~~
~~hafnium~~	~~007440-58-6~~
~~palladium~~	~~007440-05-3~~
~~rhenium~~	~~007440-15-5~~
~~ruthenium~~	~~007440-18-8~~
~~tantalum~~	~~007440-25-7~~
~~yttrium~~	~~007440-65-5~~
~~**Organics**~~	
~~acenaphthylene~~	~~000208-96-8~~
~~acetamide, 2,2-dibromo~~	~~000598-70-9~~
~~acetic acid, 2-cyano-~~	~~000372-09-8~~
~~acetic acid, propyl ester~~	~~000109-60-4~~
~~acetone, acetyl~~	~~000123-54-6~~
~~acetophenone, 2,2-dimethoxy-2-phenyl-~~	~~024650-42-8~~
~~acetophenone, p-isopropyl-~~	~~000645-13-6~~
~~acetophenone, 2'-methyl-~~	~~000577-16-2~~
~~acetophenone, 4-methyl~~	~~000122-00-9~~
~~acetophenone, alpha-hydroxy-~~	~~000582-24-1~~
~~acetophenone, 3'-methyl-~~	~~000585-74-0~~
~~acetophenone, 4'-isopropenyl~~	~~005359-04-6~~
~~acetophenone, 4'-hydroxy-~~	~~000099-93-4~~
~~aconitic acid, tributyl ester~~	~~007568-58-3~~
~~acridine~~	~~000260-94-6~~
~~acrylic acid, 2-cyano-, ethyl ester~~	~~007085-85-0~~
~~adipic acid, monomethyl ester~~	~~000627-91-8~~
~~alcohols, C12-C15, ethoxylated propoxylated~~	~~068551-13-3~~
~~alkenes, C6-10, hydroformylation products, high boiling~~	~~068526-82-9~~
~~allyl ether~~	~~000557-40-4~~
~~allyl phenol ether~~	~~001746-13-0~~
~~aminopiperidine, 4, 2,2,6,6-tetramethyl-~~	~~036768-62-4~~
~~aminoundecanoic acid, 12-~~	~~000693-57-2~~
~~ammonium chloride, octadecyldimethyl{3-(trimethoxysilyl)propyl}~~	~~027668-52-6~~
~~amphetamine~~	~~000300-62-9~~
~~aniline, 2,6-diethyl-~~	~~000579-66-8~~
~~aniline, N-ethyl-~~	~~000103-69-5~~
~~aniline, 2-ethyl-~~	~~000578-54-1~~
~~aniline, 3-ethyl-~~	~~000587-02-0~~
~~aniline, 2-ethyl-6-methyl-~~	~~024549-06-2~~
~~aniline, 4-ethyl-~~	~~000589-16-2~~
~~aniline, 2-propyl-~~	~~001821-39-2~~
~~aniline, 4-n-propyl-~~	~~002696-84-6~~
~~aniline, 4-nitro-~~	~~000100-01-6~~
~~benzaldehyde azine~~	~~000588-68-1~~
~~benzaldehyde, 3,5-di-tert-butyl-4-hydroxy-~~	~~001620-98-0~~

~~**Table D4 – Threshold of evaluation chemicals**~~[1]

~~**Substance**~~	~~**CAS #**~~
~~benzaldehyde, 4-hydroxy-3-methoxy- (Vanillin)~~	~~000121-33-5~~
~~benzaldehyde, 3,5-dimethoxy-4-hydroxy-~~	~~000134-96-3~~
~~benzaldehyde, 2,6-dimethyl-~~	~~001123-56-4~~
~~benzaldehyde, 3,5-dimethyl-~~	~~005799-95-3~~
~~**Organics**~~	
~~benzaldehyde, 2-hydroxy-~~	~~000090-02-8~~
~~benzaldehyde, 2-hydroxy-4-methoxy~~	~~000673-22-3~~
~~benzaldehyde, hydroxymethoxy-~~	~~106799-60-4~~
~~benzaldehyde, 2-methyl-~~	~~000529-20-4~~
~~benzaldehyde, 3-methyl-~~	~~000620-23-5~~
~~benzaldehyde, 4-methyl-~~	~~000104-87-0~~
~~benzaldehyde, 2-, 3-, 4-methyl- mixed isomers~~	~~001334-78-7~~
~~benzaldehyde, tert-butylmethyl-~~	~~066949-23-3~~
~~benzaldehyde, 2,4,5-trimethyl-~~	~~005779-72-6~~
~~benzaldehyde, 2,4,6-trimethyl-~~	~~000487-68-3~~
~~benzanilide~~	~~000093-98-1~~
~~benzene, 1-butylheptyl-~~	~~004537-15-9~~
~~benzene, 1-butylnonyl-~~	~~004534-50-3~~
~~benzene, 1-butyloctyl-~~	~~002719-63-3~~
~~benzene, 1-chloro-2-(trifluoromethyl)-~~	~~000088-16-4~~
~~benzene, 1-chloro-3-(trifluoromethyl)-~~	~~000098-15-7~~
~~benzene, cyclopropyl-~~	~~000873-49-4~~
~~benzene, 1,2,3-trichloro-~~	~~000087-61-6~~
~~benzene, (1,1-dimethylethoxy)-~~	~~006669-13-2~~
~~benzene, 1,1'-[(1-propenylthio)methylene]bis-, (Z)-~~	~~056195-66-5~~
~~benzene, 1-ethenyl-2-methyl-~~	~~000611-15-4~~
~~benzene, 1-ethenyl-3-methyl-~~	~~000100-80-1~~
~~benzene, 1-ethenyl-4-methyl-~~	~~000622-97-9~~
~~benzene, 2-ethoxyethenyl-~~	~~017655-74-2~~
~~benzene, 1-ethyldecyl-~~	~~002400-00-2~~
~~benzene, 1-ethylnonyl-~~	~~004536-87-2~~
~~benzene, 1-ethylundecyl-~~	~~004534-52-5~~
~~benzene, 1-hexylheptyl-~~	~~002400-01-3~~
~~benzene, (2-methoxy-1-methylethyl)-~~	~~065738-46-7~~
~~benzene, 1-methyldecyl-~~	~~004536-88-3~~
~~benzene, 1-methyldodecyl-~~	~~004534-53-6~~
~~benzene, 1-methylundecyl-~~	~~002719-61-1~~
~~benzene, divinyl-~~	~~001321-74-0~~
~~benzene, (1-methoxy-1-methylethyl)-~~	~~000935-67-1~~
~~benzene, 1,1-oxybis-~~	~~000101-84-8~~
~~benzene, 1,3-dimethyl-5-isopropyl-~~	~~004706-90-5~~
~~benzene, 4,6-diisopropyl-1,3-dimethyl-~~	~~005186-68-5~~
~~benzene, 1-pentylheptyl-~~	~~002719-62-2~~
~~benzene, 1-propenyl-~~	~~000637-50-3~~
~~benzene, 2-propenyl-~~	~~000300-57-2~~
~~benzene, 1-propyldecyl-~~	~~004534-51-4~~

Table D4 – Threshold of evaluation chemicals[1]

Substance	**CAS #**
benzene, 1-propylnonyl-	002719-64-4
benzene, 1-propyloctyl-	004536-86-1
benzene, trans-1-propenyl-	000873-66-5
benzeneacetaldehyde	000122-78-1
benzeneacetic acid, alpha-oxo-, methyl ester	015206-55-0
benzeneamine, 4-(1-methylethyl)-N-phenyl-	005650-10-2
benzenediamine, ar,ar-diethyl-ar-methyl	068479-98-1
benzenediamine, 5-chloro-1,3-	033786-89-9
Organics	
benzenedicarboxylic acid, 1,2-, bis(2-propylpentyl) ester	070910-37-1
benzenedimethanol, a,a,a',a'-tetramethyl-1,4-	002948-46-1
benzenedimethanol, a,a,a',a'-tetramethyl-1,3-	001999-85-5
benzenemethanamine, 1,3-	001477-55-0
benzenemethanamine, N-(phenylmethylene)-	000780-25-6
benzenemethanol, alpha-methyl-, (R)-	001517-69-7
benzenemethanol, alpha-methyl-, (S)-	001445-91-6
benzenemethanol, 4-(1-methylethyl)-	000536-60-7
benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-	020170-32-5
benzenesulfonamide, 4-methyl-	000070-55-3
benzenesulfonyl isocyanate, 4-methyl	004083-64-1
benzenetricarboxylic acid, 1,2,4-	000528-44-9
benzimidazolone, 3-methyl-2-	001849-01-0
benzimidazolone, 4-methyl-	019190-68-2
benzisothiazolin-3-one	002634-33-5
benzofuran, methyl-	025586-38-3
benzoic acid, 2-cyano-	003839-22-3
benzoic acid, 2,5-dichloro-	000050-79-3
benzoic acid, 3,4-dichloro-	000051-44-5
benzoic acid, mixed isomers (2,4- or 2,5-dichloro-)	035915-19-6
benzoic acid, diester with diethylene glycol	000120-55-8
benzoic acid, m-methyl-	000099-04-7
benzoic acid, o-methyl-	000118-90-1
benzoic acid, p-methyl-	000099-94-5
benzoic acid, 4-tert-butyl-	000098-73-7
benzonitrile	000100-47-0
benzoquinone, 2,6-dimethyl-1,4-	000517-61-7
benzoquinone, 2,6-di-t-butyl-	000719-22-2
benzoquinone, 2,5-di-tert-pentyl-p-	004584-63-8
benzothiazole, 2-(cyclohexylamino)-	028291-75-0
benzothiazole, ethylamino-	028291-69-2
benzothiazole, 2-(methylmercapto)-	000615-22-5
benzothiazole, 2-methyl-	000120-75-2
benzothiazole, 2-methoxy-	063321-86-8
benzothiazole, 2-(morpholinothio)-	000102-77-2
benzothiazole-2-thione, N-methyl-	002254-94-6
benzotriazole	000095-14-7

Table D4 – Threshold of evaluation chemicals[1]

Substance	**CAS #**
benzotriazole, 2-(2-hydroxy-5-methyl-phenyl)-	002440-22-4
benzothiazolinone, 2-	000934-34-9
benzotropilidene, 3,4-	000264-09-5
benzoxazole, N-methyl-2-	019776-98-8
benzyl ethyl ether	000539-30-0
benzyl alcohol, 4-ethoxy	006214-44-4
benzyl alcohol, alpha, alpha, 4-trimethyl-	001197-01-9
benzyl alcohol, a,a-dimethyl-p-isopropyl-	003445-42-9
benzylamine	000100-46-9
benzylamine, N,N-dimethyl-	000103-83-3
benzyldiphenylphosphine oxide	002959-74-2
benzyltriphenylphosphonium	015853-35-7
Organics	
b**enzyltriphenylphosphonium, salt with 4,4'-(2,2,2-trifluoro-1-(trifluoromethyl) ethylidene)bis(phenol) (1:1)**	075768-65-9
binaphthyl sulfone	032390-26-4
bisphenol A bis(polypropylene glycol) ether	037353-75-6
bisphenol F, 2,4-	002467-03-0
bisphenol F diglycidyl ether	002095-03-6
borneol	000507-70-0
bromobenzene	000108-86-1
bromophenol	032762-51-9
bromophenol, 2-	000095-56-7
bromophenol, 3-	000591-20-8
bromophenol, 4-	000106-41-2
1-butanamine,N,N-dibutyl-	000102-82-9
butanedioic acid	000110-15-6
butanediol diglycidyl ether, 1,4-	002425-79-8
butanediol dimethacrylate, 1,4-	002082-81-7
butane, 2-ethoxy-2-methyl-	000919-94-8
butanenitrile	000109-74-0
butanetricarboxylic acid, 2-phosphono-, 1,2,4-	037971-36-1
butanoic acid	000107-96-2
butanoic acid, 3,3-dimethyl-	001070-83-3
butanone, 4-(4-hydroxyphenyl)-2-	005471-51-2
butanone, 1-phenyl-2-	001007-32-5
buten-1-ol, 2-methyl-2-	004675-87-0
butenal, methyl-	001115-11-3
butene, 2,3-dichloro-2-methyl-	000507-45-9
butenoic acid, trans-2-	000107-93-7
butenoic acid, 2-	003724-65-0
butenoic acid, 3-	000625-38-7
butyl isocyanate, n-	000111-36-4
butylamine, N-butylidene	004853-56-9
caprolactone	000502-44-3

Table D4 – Threshold of evaluation chemicals[1]

Substance	**CAS #**
carbodiimide, di-t-butyl-	000691-24-7
carbonic acid, diisopropyl ester	006482-34-4
castor oil, hydrogenated, ethoxylated	061788-85-0
chloroethane, 1-butoxy-2-	010503-96-5
chloroiodomethane	000593-71-5
cinnamate, 2-ethylhexyl-4-methoxy-	005466-77-3
cresol, alpha-ethoxy-p-	057726-26-8
cresol, 2-tert-butyl-m-	013037-79-1
cyanamide, diethyl-	000617-83-4
cyanostyrene, α	000495-10-3
cyanovaleric acid, 4-	unknown
cyclododecane	000294-62-2
cyclohexadecane	000295-65-8
cyclohexadiene-1-one, 2,6-(1,1-dimethylethyl)-4-methylene-2,5-	002607-52-5
cyclohexadiene-1-one, 2,6-di-tert-butyl-4-hydroxy-4-methyl-2,5-	010396-80-2
cyclohexanamine, 4,4'-methylene-bis-	001761-71-3
cyclohexanamine, N-methyl-	000100-60-7
Organics	
cyclohexanamine, N-cyclohexyl-	000101-83-7
cyclohexanamine, N,N-dimethyl-	000098-94-2
cyclohexenecarbonitrile	027456-25-3
cyclohexanedimethanamine, 1,3-	002579-20-6
cyclohexane, cis-1-methyl-4-isopropyl-	006069-98-3
cyclohexane, 1-isopropyl-4-methyl-	000099-82-1
cyclohexanemethanol, trans-alpha,alpha,4-trimethyl-	005114-00-1
cyclohexane, methyl-	000108-87-2
cyclohexanol	000108-93-0
cyclohexanol, 3-methyl-	000591-23-1
cyclohexanol, trimethyl-	001321-60-4
cyclohexanol, 4-tert-butyl-	000098-52-2
cyclohexanone, 2-hydroxy	000533-60-8
cyclohexanone, 2-(1-hydroxycyclohexyl)-	028746-99-8
cyclohexen-1-one, 3-methyl-2-	001193-18-6
cyclohexene, 4-cyano- also (1-cyano-3-cyclohexene)	000100-45-8
cyclohexyl isocyanate	003173-53-3
cyclohexylurea, dimethyl-	031468-12-9
cyclooctadiene, dichloro-	029480-42-0
cyclopentane, trimethyl	030498-64-7
cyclopentylidenecyclopentan-2-one	000825-25-2
cyclopentanol, 2-methyl-	024070-77-7
cyclopentanone	000120-92-3
cyclopentylcyclopentanone, 2-	004884-24-6
decadien-1-al, trans,trans-2,4-	025152-84-5
decadienal, 2,4-	002363-88-4
decamethylcyclopentasiloxane	000541-02-6
decanamide, N,N-dimethyl-	014433-76-2

Table D4 – Threshold of evaluation chemicals[1]

Substance	**CAS #**
decane, 1,10-diamino	000646-25-3
decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl)-	052829-07-9
decanedioic acid, dimethyl ester	000106-79-6
decane, 1-methyl-3,5,7-triaza-1-azoniatricyclo(3.3.1.1(3,7))	076902-90-4
decanoic acid, methyl ester	000110-42-9
decylamine, n-	002016-57-1
dehydroabietic acid	001740-19-8
dehydroacetic acid	000520-45-6
di-o-tolylguanidine, 1,3-	000097-39-2
diazacyclotetradecane-2,9-dione, 1,8-	056403-09-9
dibenzylamine	000103-49-1
dibenzyl ether	000103-50-4
dibutyl cyanamide, N,N-	002050-54-6
1,3-dicyclohexylurea	002387-23-7
diethylene glycol monomethacrylate homopolymer	027598-43-2
diethyleneglycol monophenyl ether	000104-68-7
diethylurea, 1,3-	000623-76-7
diglycol chlorohydrin	000628-89-7
dihydro-5-pentyl-2(3H)-furanone	000104-61-0
dihydrobenzofuran, 2,3-	000496-16-2
dihydrofuran, 4-methyl-2,3-	034314-83-5
Organics	
dihydromethoxymethyl oxopyridinecarbonitrile	000524-40-3
dihydromethyl benzimidazolone	005400-75-9
diiodomethane	000075-11-6
dimethyl ditallow ammonium chloride	068783-78-8
dimethyl thioacetamide	000631-67-4
dimethyl-3,3'-thiobispropionate	004131-74-2
dimethyl-p-benzoquinone, 2,5-	000137-18-8
dimethylaminopyridine	001122-58-3
dimethylbenzaldehyde, 2,4-	015764-16-6
dimethylbenzaldehyde, 2,5	005779-94-2
dimethylbenzaldehyde, 3,4-	005973-71-7
dimethylcyanamide	001467-79-4
dimethyldiphenyl sulphone	005097-12-1
dimethyldithiocarbamate, methyl	003735-92-0
dimethyldodecanamide, N,N-	003007-53-2
dimethylhexane-2,5-diol, 2,5-	000110-03-2
dioctyldiphenylamine	026603-23-6
dioxacyclododecane-7,12-dione, 1,6-	000777-95-7
dioxadithionane, 1,3,6,7-	005980-67-6
dioxane, 4-phenyl-1,3-	000772-00-9
dioxathiocane, 1,3,6-	002094-92-0
dioxolane-1,3, 4-ethyl	029921-38-8
diphenylamine, 4-hydroxy-	000122-37-2
diphenyl sulfide	000139-66-2

~~Table D4 – Threshold of evaluation chemicals~~[1]

~~Substance~~	**~~CAS #~~**
~~diphenylamine, 4-(diisopropylamino)~~	~~064092-29-1~~
~~diphenylethanedione, 1,2-~~	~~000134-81-6~~
~~dipropylamine, 3,3'-diamino-~~	~~000056-18-8~~
~~dipropylene glycol dibenzoate~~	~~027138-31-4~~
~~disulfide, dimethyl~~	~~000624-92-0~~
~~dithiolane-2-thione, 1,3-~~	~~000822-38-8~~
~~docosane~~	~~000629-97-0~~
~~docosenamide (erucamide)~~	~~000112-84-5~~
~~dodecamethylcyclohexasiloxane~~	~~000540-97-6~~
~~dodecanamide~~	~~001120-16-7~~
~~dodecanamine, 1-~~	~~000124-22-1~~
~~dodecylamine, N,N-dimethyl-~~	~~000112-18-5~~
~~dodecyl glycidyl ether~~	~~002461-18-9~~
~~ethane, 1,2-diphenoxy-~~	~~000104-66-5~~
~~ethan-1-one, 1-(methylphenyl)-~~	~~026444-19-9~~
~~ethane, 1-(3-hydroxyphenyl)-2-phenyl-~~	~~033675-75-1~~
~~ethanediamide, N-(2-ethoxyphenyl)-N'-(2-ethylphenyl)-~~	~~023949-66-8~~
~~ethanol, 2-[2-[2-[2-[(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethoxy]-~~	~~049796-75-0~~
~~ethanol, 2-[2-[2-[(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethoxy]-~~	~~058705-51-4~~
~~ethanol, 2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]-~~	~~002315-61-9~~
~~ethanol, 2-(4-methoxyphenoxy)-~~	~~005394-57-0~~
~~ethanone, 1-(4-hydroxy-3-methoxyphenyl)-~~	~~000498-02-2~~
~~ethanone, 1-(4-(1-hydroxy-1-methylethyl)phenyl)-~~	~~054549-72-3~~
~~ethanone, 1-[3-(methoxymethyl)phenyl]-~~	~~112766-37-7~~
~~ethanone, 1-[4-(methoxymethyl)phenyl]-~~	~~022072-50-0~~
~~Organics~~	
~~ethyl hydroxyphthalide~~	~~000485-26-7~~
~~ethylbenzene acetate~~	~~000101-97-3~~
~~ethylcyclopentanone~~	~~004971-18-0~~
~~ethylene glycol dimethacrylate~~	~~000097-90-5~~
~~ethylene glycol monoethyl ether acetate~~	~~000111-15-9~~
~~ethylhexyl acetate, 2-~~	~~000103-09-3~~
~~ethylhex-2-en-1-al, 2-~~	~~000645-62-5~~
~~fenchyl alcohol~~	~~001632-73-1~~
~~ethyl-4-ethoxybenzoate~~	~~023676-09-7~~
~~fenchyl alcohol, alpha-~~	~~000512-13-0~~
~~fenchyl alcohol, alpha-~~	~~014575-74-7~~
~~fluorenone~~	~~000486-25-9~~
~~formamide, N,N-diethyl-~~	~~000617-84-5~~
~~formamide, N-methyl-N-phenyl-~~	~~000093-61-8~~
~~formamide, N-cyclohexyl-~~	~~000766-93-8~~
~~formamide, N-(1,1-dimethylethyl)-~~	~~002425-74-3~~
~~formamide, N,N-dimethylthio-~~	~~000758-16-7~~
~~formamide, N,N-di-n-butyl-~~	~~000761-65-9~~
~~formamidine, N,N-dimethyl-N'-cyclohexyl-~~	~~003459-75-4~~
~~formylcyclopentene, 1-~~	~~006140-65-4~~

~~**Table D4 – Threshold of evaluation chemicals**~~[1]

~~**Substance**~~	~~**CAS #**~~
~~fumaric acid, diethyl ester~~	~~000623-91-6~~
~~furan, 2-pentyl-~~	~~003777-69-3~~
~~furan, tetrahydro-2,2,5,5-tetramethyl-~~	~~015045-43-9~~
~~furaric acid, bis(2-ethylhexyl) ester~~	~~000141-02-6~~
~~furfural, 5-methyl~~	~~000620-02-0~~
~~furylmethylketone, 5-methyl-2-~~	~~001193-79-9~~
~~geraniol~~	~~000106-24-1~~
~~glutaraldehyde~~	~~000111-30-8~~
~~glycidyl ether, 2-methylphenyl-~~	~~002210-79-9~~
~~guanidine, 1,2,3-triphenyl-~~	~~000101-01-9~~
~~heneicosane~~	~~000629-94-7~~
~~heptacosane~~	~~000593-49-7~~
~~heptadecanoic acid, 16-methyl-, methyl ester~~	~~005129-61-3~~
~~heptanol, 2-propyl-1-~~	~~010042-59-8~~
~~heptyl aldehyde, n-~~	~~000111-71-7~~
~~hexacosane~~	~~000630-01-3~~
~~hexadecanamide~~	~~000629-54-9~~
~~hexanoic acid, 2-ethyl-, methyl ester~~	~~000816-19-3~~
~~hexanoic acid, methyl ester~~	~~000106-70-7~~
~~hex-1-ene, 2-ethyl-~~	~~001632-16-2~~
~~hex-2-en-1-ol, cis-~~	~~000928-94-9~~
~~hex-2-en-1-ol, trans-~~	~~000928-95-0~~
~~hex-5-en-1-ol~~	~~000821-41-0~~
~~hexadecanamide~~	~~000629-54-9~~
~~hexadecanamide, N,N-dimethyl-~~	~~003886-91-7~~
~~hexadecene-1~~	~~000629-73-2~~
~~hexafluoropropene~~	~~000116-15-4~~
~~hexamethylene oxide~~	~~000592-90-5~~
~~hexamethylene dibenzamide~~	~~005326-21-6~~
~~**Organics**~~	
~~hexamethyleneimine, 1-ethyl-~~	~~006763-91-3~~
~~hexamethylene oxide~~	~~000592-90-5~~
~~hexanal, 2-ethyl-~~	~~000123-05-7~~
~~hexanal~~	~~000066-25-1~~
~~hexanamine, 2-~~	~~005329-79-3~~
~~hexane, 2,5-dimethyl-~~	~~000592-13-2~~
~~hexane-2,5-dione~~	~~000110-13-4~~
~~hexaoxacyclotriacontane, 1,6,11,16,21,26-~~	~~064001-05-4~~
~~hexen-2-one, 3-, 3,4-dimethyl-~~	~~020685-46-5~~
~~hexen-2-one, 4-, 3,4-dimethyl-~~	~~053252-21-4~~
~~hexen-2-one, 3-methyl-4-~~	~~072189-24-3~~
~~hexen-2-one, 5-methyl-3-~~	~~005166-53-0~~
~~hexen-2-one, 5-methyl-5-~~	~~003240-09-3~~
~~hexyne-2,5-diol, 2,5-dimethyl-3-~~	~~000142-30-3~~
~~hydrocinnamic acid~~	~~006386-38-5~~
~~hydroxydiphenylamine, 3-~~	~~000101-18-8~~

~~**Table D4 – Threshold of evaluation chemicals**~~[1]

~~**Substance**~~	~~**CAS #**~~
~~hydroxypropyl methacrylate, 2-~~	~~000923-26-2~~
~~icosane~~	~~000112-95-8~~
~~imidazole, methylphenyl-~~	~~000670-91-7~~
~~indan-1-ol~~	~~006351-10-6~~
~~indan-1-one~~	~~000083-33-0~~
~~indene, 1H-, 2,3-dihydro-1-methyl-~~	~~000767-58-8~~
~~indene, 1H-, 2,3-dihydro-4-methyl-~~	~~000824-22-6~~
~~indene, 1H-, 2,3-dihydro-5-methyl-~~	~~000874-35-1~~
~~indene, 2,3-dihydro- also (2,3-dihydro-1H-)~~	~~000496-11-7~~
~~indene~~	~~000095-13-6~~
~~isoalkanes, C9-C12~~	~~090622-57-4~~
~~isobutylene~~	~~000115-11-7~~
~~isobutyramide~~	~~000563-83-7~~
~~isobutyric acid~~	~~000079-31-2~~
~~isobutyronitrile~~	~~000078-82-0~~
~~isocrotonic acid~~	~~000503-64-0~~
~~isoindole, 2H-, 4,7-dione~~	~~056460-94-7~~
~~isophorone diamine~~	~~002855-13-2~~
~~isovanillin~~	~~000621-59-0~~
~~maleic anhydride, 2,3-dimethyl-~~	~~000766-39-2~~
~~menthane, 1,2:8,9-diepoxy-~~	~~000096-08-2~~
~~mephenesin~~	~~000059-47-2~~
~~methacrylate, lauryl-~~	~~000142-90-5~~
~~methacrylic acid, 2-hydroxyethyl ester~~	~~000868-77-9~~
~~methacrylic acid, 3-(trimethylsilyl)propyl ester~~	~~002530-85-0~~
~~methane, chlorodifluoro-~~	~~000075-45-6~~
~~methane, di-t-butoxy~~	~~002568-93-6~~
~~methane, di-t-butyl-~~	~~001070-87-7~~
~~methoxybenzene~~	~~000100-66-3~~
~~methyl anthranilate~~	~~000134-20-3~~
~~methyl-1-bicyclo[4.2.0]octa-1,3,5-triene, 3-~~	~~022250-74-4~~
~~methylcarbamate, methyl N-butyl-N-~~	~~054644-60-9~~
~~methylcoumarin, 7-diethylamino-4-~~	~~000091-44-1~~
~~**Organics**~~	
~~methyl (Z)-octadec-11-enoate~~	~~001937-63-9~~
~~methyl palmitate~~	~~000112-39-0~~
~~methyl laurate~~	~~000111-82-0~~
~~methyl salicylate~~	~~000119-36-8~~
~~methyl stearate~~	~~000112-68-1~~
~~methyl-4-isopropyl cyclohexane, trans-1-~~	~~001678-82-6~~
~~methyldiethyl carbamate~~	~~004652-44-2~~
~~methylene bis(4-methyl-6-tertbutyl-phenol), 2,2'~~	~~000119-47-1~~
~~2,2'-methylenediphenol~~	~~002467-02-9~~
~~4,4'-methylenediphenol~~	~~000620-92-8~~
~~methylenephenethyl alcohol, beta-~~	~~006006-81-1~~
~~methylindene~~	~~029036-25-7~~

~~Table D4 – Threshold of evaluation chemicals~~[1]

~~Substance~~	**~~CAS #~~**
~~methyl nadic anhydride~~	~~025134-21-8~~
~~methylpiperidine,1-~~	~~000626-67-5~~
~~methylthioacetonitrile~~	~~035120-10-6~~
~~morpholine, methyl-~~	~~000109-02-4~~
~~morpholine, 4-dodecyl-~~	~~001541-81-7~~
~~morpholinecarbaldehyde, 4-~~	~~004394-85-8~~
~~morpholinecarboxamide, N-cyclohexyl-4-~~	~~003417-54-7~~
~~morpholinepropanenitrile, 4-~~	~~004542-47-6~~
~~N-butyl formamide~~	~~000871-71-6~~
~~N-isopropyl-2-methyl-2-propyl-1,3-propanediol dicarbamate~~	~~000078-44-4~~
~~naphthylenamine, N-phenyl-2-~~	~~000135-88-6~~
~~naphthalene, dimethyl-~~	~~028804-88-8~~
~~naphthalene, 1,2-dimethyl-~~	~~000573-98-8~~
~~naphthalene, 1,3-dimethyl-~~	~~000575-41-7~~
~~naphthalene, 1,4-dimethyl-~~	~~000571-58-4~~
~~naphthalene, 1,5-dimethyl-~~	~~000571-61-9~~
~~naphthalene, 1,7-dimethyl-~~	~~000575-37-1~~
~~naphthalene, 1,8-dimethyl-~~	~~000569-41-5~~
~~naphthalene, 2,3-dimethyl-~~	~~000581-40-8~~
~~naphthalene, 2,6-dimethyl-~~	~~000581-42-0~~
~~naphthalene, 2,7-dimethy l~~	~~000582-16-1~~
~~naphthalene, 1-ethyl-~~	~~001127-76-0~~
~~naphthalene, 2-ethyl-~~	~~000939-27-5~~
~~naphthalene, ethyl~~	~~027138-19-8~~
~~nonacosane~~	~~000630-03-5~~
~~nonanal~~	~~000124-19-6~~
~~nonanal, 2-oxo-~~	~~002363-87-3~~
~~nonanoic acid, 9-oxo-~~	~~002553-17-5~~
~~nonanoic acid, n-~~	~~000112-05-0~~
~~norbornene, 5-ethylidene-2-~~	~~016219-75-3~~
~~octacosane~~	~~000630-02-4~~
~~octadecadienoic acid, (Z,Z)-9,12- , butyl ester~~	~~002634-45-9~~
~~octadecane, n-~~	~~000593-45-3~~
~~octadecenoic acid, 6(Z), methyl ester~~	~~002777-58-4~~
~~octadecenoic acid, 6- , methyl ester~~	~~052355-31-4~~
~~octadecenoic acid, 7- , methyl ester~~	~~057396-98-2~~
~~octadecenoic acid, 8- , methyl ester~~	~~002345-29-1~~
~~Organics~~	
~~octadecenoic acid, 9(E)- , methyl ester~~	~~001937-62-8~~
~~octadecenoic acid, 9(Z)- , methyl ester~~	~~000112-62-9~~
~~octadecenoic acid, 9- , methyl ester~~	~~002462-84-2~~
~~octadecenoic acid, 10- , methyl ester~~	~~013481-95-3~~
~~octadecanamide~~	~~000124-26-5~~
~~octadecenamide~~	~~000301-02-0~~
~~octadecene, 1-~~	~~000112-88-9~~
~~octadien-1-ol, 3,7-dimethyl-2,6-~~	~~000624-15-7~~

Table D4 – Threshold of evaluation chemicals[1]

Substance	**CAS #**
octadien-2-ol, 2,6-dimethyl-5,7-	005986-38-9
octadien-3-ol, 2,6-dimethyl-1,7-	022460-59-9
octadien-3-ol, 3,7-dimethyl-1,6-	000078-70-6
octadien-3-ol, 3,7-dimethyl-4,6-	018479-54-4
octanal	000124-13-0
octanoate, methyl-	000111-11-5
octaphenyl pentaethylene glycol ether, tert-	038621-31-7
oct-2-enoic acid	001470-50-4
octen-3-ol, 1-	003391-86-4
octylphenoxypentaethoxyethanol, tert-	037809-81-7
oleate, n-butyl-	000142-77-8
oxabicyclo (4.1.0) heptane-3-carboxylic acid, 7-	002386-87-0
oxamide, di-tert-butyl-	037486-48-9
oxaspirodecadienedione, di-(t-butyl)	082304-66-3
oxirane, [(dodecyloxy)methyl]-	002461-18-9
oxononan-1-al, 4-	074327-29-0
oxybis(propanenitrile)	001656-48-0
palmitate, isopropyl-	000142-91-6
palmitic acid, n-butyl ester	000111-06-8
pentacosane	000629-99-2
pentane, 1-amino	000110-58-7
pentanediol, 2,2,4-trimethyl-1,3-	000144-19-4
pentanedione, 1-phenyl-1,4-	000583-05-1
pentanenitrile	000110-59-8
pentaoxacyclopentacosane, 1,6,11,16,21-	056890-57-4
pentaoxahexadecanol	023778-52-1
pentenal, trans-2-	001576-87-0
penten-2-ol, 3-	001569-50-2
penten-2-one, 3,4-dimethyl-3-	000684-94-6
perfluorooctanoic acid	000335-67-1
peroxide, tert-butyl-	000110-05-4
phenanthrene	000085-01-8
phenetidine, o-	000094-70-2
phenol, 4-ethoxy-	000622-62-8
phenol, o-(1-phenylethyl)-	004237-44-9
phenol, (phenylethyl)-	051937-33-8
phenol, o-(alpha, alpha-dimethylbenzyl)-	018168-40-6
phenol, p-(alpha, alpha-dimethylbenzyl)-	000599-64-4
phenol, p-phenylethyl-	006335-83-7
phenol, 4-(2-propenyl)-	000501-92-8
phenol, 3,5-dibenzyl-2,4,6-trimethyl-	unknown
Organics	
phenol, 2,6-di-t-butyl-4-methoxy-	000489-01-0
phenol, 2,2'-methylenebis(6-tert-butyl)-4-ethyl-	000088-24-4
phenol, 2,4,6-tris(dimethylaminomethyl)-	000090-72-2
phenol, 4-(1-phenylethyl)-	001988-89-2

~~**Table D4 – Threshold of evaluation chemicals**~~[1]

~~**Substance**~~	~~**CAS #**~~
~~phenol, 2-allyl-~~	~~001745-81-9~~
~~phenothiazine~~	~~000092-84-2~~
~~phenoxypropanol, 1- (or 2-)~~	~~041593-38-8~~
~~phenyl isothiocyanate~~	~~000103-72-0~~
~~phenyl-1-buten-4-ol, 4-~~	~~000936-58-3~~
~~phenylbutane, 2-~~	~~000135-98-8~~
~~phenylene) bis-ethanone, 1,1'-(1,4-~~	~~001009-61-6~~
~~phenylene) bis-ethanone, 1,1'-(1,3-~~	~~006781-42-6~~
~~phenylenediamine, N,N-bis(1,3-dimethylbutyl)-N'-phenyl-p-~~	~~019929-72-7~~
~~2,2'-p-phenylenedioxydiethanol~~	~~000104-38-1~~
~~phenylethanol, 2-~~	~~000060-12-8~~
~~(phenylimino) cyclohexadiene~~	~~002406-04-4~~
~~phenylindan, 1,1,3-trimethyl-3-~~	~~003910-35-8~~
~~phorone~~	~~000504-20-1~~
~~phosphate, diphenyl-2-ethylhexyl-~~	~~001241-94-7~~
~~phosphinic acid, P-phenyl-, Na salt~~	~~004297-95-4~~
~~phosphonic acid, (nitrilotris(methylene))tri-, pentasodium~~	~~002235-43-0~~
~~pinanol~~	~~000473-54-1~~
~~pinanol (or cis-2-pinanol)~~	~~004948-28-1~~
~~pinanol, trans-2-~~	~~004948-29-2~~
~~pinocampheol- (also pinocamphone)~~	~~000547-60-4~~
~~piperazine, 1-(2-aminoethyl)-~~	~~000140-31-8~~
~~piperidine, 1-formyl~~	~~002591-86-8~~
~~piperidine, 2-propyl-~~	~~000458-88-8~~
~~piperidene, 2,2,6,6-tetramethyl-~~	~~000768-66-1~~
~~piperidinol, 1,2,2,6,6-pentamethyl-4-~~	~~002403-89-6~~
~~piperidone, 2-~~	~~000675-20-7~~
~~poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy-, phosphate~~	~~073038-25-2~~
~~propanal, 2,2-dimethyl-3-hydroxy-~~	~~000597-31-9~~
~~propanal, 3-phenyl~~	~~000104-53-0~~
~~propanaminium chloride, N,N,N-trimethyl-3-((1-oxo-2-propenyl)amino)-1-~~	~~045021-77-0~~
~~propane, 1,1-dimethoxy-2-methyl~~	~~041632-89-7~~
~~propanediol, 2-ethyl-2-butyl-1,3-~~	~~000115-84-4~~
~~propanenitrile, 3-(diethylamino)-~~	~~005351-04-2~~
~~propanenitrile, 3,3'-oxybis-~~	~~001656-48-0~~
~~propanenitrile, 3,3'-thiobis-~~	~~000111-97-7~~
~~propanoic acid, 2-methyl-, 1-(1,1-dimethylethyl)-2-methyl-1,3-propanediyl ester~~	~~074381-40-1~~
~~propanoic acid, 3-ethoxy-, ethyl ester~~	~~000763-69-9~~
~~propanoic acid, ethyl ester~~	~~000105-37-3~~
~~propanoic acid, 2,2-dimethyl-~~	~~000075-98-9~~
~~propanol, 1-amino-2-~~	~~000078-96-6~~
~~propanol, 1-[4-(1,1-dimethylethyl)phenoxy]-2-~~	~~002416-30-0~~
~~propanol, 1-phenoxy-2-~~	~~000770-35-4~~
~~propanol, phenyl~~	~~000093-54-9~~
~~**Organics**~~	

~~**Table D4 – Threshold of evaluation chemicals**~~[1]

~~**Substance**~~	~~**CAS #**~~
~~propanol, phenyl 1-~~	~~001335-12-2~~
~~propanol, 1-propoxy-2-~~	~~001569-01-3~~
~~propanone, 1-phenyl-1-~~	~~000093-55-0~~
~~propanone, 1-, 2-hydroxy-2-methyl-1-phenyl-~~	~~007473-98-5~~
~~propenamide, 3-(2-methylphenyl)-2-~~	~~146669-23-0~~
~~propenoic acid, 2-methyl-, 1-methyl-1,3-propanediyl ester, 2-~~	~~001189-08-8~~
~~propenoic acid, 2-methyl-2-, polymer with octadecyl-2-methyl-2-propenoate~~	~~027401-06-5~~
~~propenone, (dihydroxy methoxyphenyl) phenyl-~~	~~018956-15-5~~
~~pyrazine, 2-methyl-~~	~~000109-08-0~~
~~pyrene~~	~~000129-00-0~~
~~pyridine, 2-ethyl-~~	~~000100-71-0~~
~~pyridine, 2-methyl-~~	~~000109-06-8~~
~~pyridine, 3-methyl-~~	~~000108-99-6~~
~~pyridine, 4-methyl-~~	~~000108-89-4~~
~~pyridine, 2,3-dimethyl-~~	~~000583-61-9~~
~~pyridine, 2,4-dimethyl-~~	~~000108-47-4~~
~~pyridine, 2,5-dimethyl-~~	~~000589-93-5~~
~~pyridine, 2,6-dimethyl-~~	~~000108-48-5~~
~~pyridine, 3,4-dimethyl-~~	~~000583-58-4~~
~~pyridine, 3,5-dimethyl-~~	~~000591-22-0~~
~~pyridine, trimethyl-~~	~~029611-84-5~~
~~pyridine, 2,4,6-trimethyl-~~	~~000108-75-8~~
~~pyridine, 1,2,3,4-tetrahydro-1,2,2,6-tetramethyl-~~	~~063867-76-5~~
~~pyridine, 1,2,3,6-tetrahydro-1,2,3,4-tetramethyl-~~	~~090949-18-1~~
~~pyridine, 1,2,3,6-tetrahydro-1,2,4,5-tetramethyl-~~	~~090949-19-2~~
~~pyridine, 1,2,3,6-tetrahydro-1,2,4,6-tetramethyl-, cis-~~	~~023513-16-8~~
~~pyridine, 1,2,3,6-tetrahydro-1,3,3,6-tetramethyl-~~	~~122913-54-6~~
~~pyridine, 1,2,3,6-tetrahydro-1,4,5,6-tetramethyl-~~	~~090949-20-5~~
~~pyridine, 1,2,3,6-tetrahydro-2,2,2,6-tetramethyl-~~	~~001124-69-2~~
~~pyridine, 1,2,5,6-tetrahydro-2,2,5,5-tetramethyl-~~	~~155904-89-5~~
~~pyridine, 2,3,4,5-tetrahydro-2,2,4,6-tetramethyl-~~	~~200561-41-7~~
~~pyridine, 2,3,5-trimethyl-~~	~~000695-98-7~~
~~pyridine, 2,3,6-trimethyl-~~	~~001462-84-6~~
~~pyrrolidine~~	~~000123-75-1~~
~~pyrrolidinone, 1-decyl-2-~~	~~055257-88-0~~
~~pyrrolidinone, 1-dodecyl-2-~~	~~002687-96-9~~
~~pyrrolo(1,2-a)pyrazine-1,4-dione, hexahydro-3-(2-methylpropyl)-~~	~~005654-86-4~~
~~quaternary ammonium, ditallow dimethyl chloride~~	~~061789-80-8~~
~~quinoline, 3,4-dihydro-2,4,4-trimethyl-~~	~~063177-93-5~~
~~sodium p-sulfophenyl methallyl ether~~	~~001208-67-9~~
~~soya alkylamines, ethoxylated~~	~~061791-24-0~~
~~squalene~~	~~000111-02-4~~
~~squalene~~	~~007683-64-9~~
~~stearic acid, butyl ester~~	~~000123-95-5~~
~~styrene, alpha-methyl-~~	~~000098-83-9~~
~~styrene, methyl- (mixed isomers)~~	~~025013-15-4~~

~~**Table D4 – Threshold of evaluation chemicals**~~[1]

~~**Substance**~~	~~**CAS #**~~
~~succinic acid, diethyl ester~~	~~000123-25-1~~
~~sulfonylbis(4-methyl) benzene, 1,'~~	~~000599-66-6~~
~~terephthalic acid, monomethyl ester~~	~~001679-64-7~~
~~**Organics**~~	
~~terpineol, alpha-~~	~~000098-55-5~~
~~tert-butylamine~~	~~000075-64-9~~
~~tetracosane~~	~~000646-31-1~~
~~tetradecamethylcycloheptasiloxane~~	~~000107-50-6~~
~~tetradecanamide~~	~~000638-58-4~~
~~tetradecanamine, 1-~~	~~002016-42-4~~
~~tetradecane~~	~~001120-36-1~~
~~tetraethyleneglycol di-(2-ethylhexoate)~~	~~018268-70-7~~
~~tetraethyleneglycol dimethacrylate~~	~~000109-17-1~~
~~tetrahydrofuran, diphenyl-~~	~~050637-09-7~~
~~tetrahydrofurfuryl alcohol~~	~~000097-99-4~~
~~tetrahydropyridine, 2,3,4,5-~~	~~000505-18-0~~
~~tetramethyl urea~~	~~000632-22-4~~
~~tetramethyldec-5-yne-4,7-diol, 2,4,7,9-~~	~~000126-86-3~~
~~tetramethyldecynediol~~	~~001333-17-1~~
~~2,6,10,14-tetramethylhexadecane~~	~~000638-36-8~~
~~tetramethylpyrazine, 2,3,5,6-~~	~~001124-11-4~~
~~tetraoxacycloeicosane, 1,6,11,16-~~	~~017043-02-6~~
~~tetrathiacyclooctadecane, 1,3,10,12-tetraoxa-6,7,15,16-~~	~~099634-55-6~~
~~4,4'-thiobis-(6-t-butyl-o-cresol)~~	~~000096-66-2~~
~~1,4-thoxane~~	~~015980-15-1~~
~~toluene, 2,6-diamino-~~	~~000823-40-5~~
~~toluenesulfonamide, N-ethyl-4-~~	~~000080-39-7~~
~~toluenesulfonic acid, p-, butyl ester~~	~~000778-28-9~~
~~toluidine, N,N-diethyl-p-~~	~~000613-48-9~~
~~triallyl cyanurate~~	~~000101-37-1~~
~~tributylphosphine oxide~~	~~000814-29-9~~
~~trichloroaniline, 2,4,5-~~	~~000636-30-6~~
~~trichloroaniline, 2,3,4-~~	~~000634-67-3~~
~~trichlorotrifluoroethane~~	~~026523-64-8~~
~~tricosane, also-(n-tricosane)~~	~~000638-67-5~~
~~tridecane, 6-phenyl-~~	~~004534-49-0~~
~~triethylamine~~	~~000121-44-8~~
~~triethyleneglycol dimethacrylate~~	~~000109-16-0~~
~~triethylsilanol~~	~~000597-52-4~~
~~trimethylcyclohexanone~~	~~050874-76-5~~
~~trimethylolpropane trimethacrylate~~	~~003290-92-4~~
~~trioxane, 1,3,5-trimethyl-~~	~~000123-63-7~~
~~trioxepane, 1,3,5-~~	~~005981-06-6~~
~~triphenylphosphate~~	~~000115-86-6~~
~~triphenylphosphine oxide~~	~~000791-28-6~~
~~triphenylphosphine sulfide~~	~~003878-45-3~~

~~**Table D4 – Threshold of evaluation chemicals**~~[1]

~~**Substance**~~	~~**CAS #**~~
~~tropic acid~~	~~000552-63-6~~
~~undecanoic acid~~	~~000112-37-8~~
~~urea, N,N-bis-(1,1-dimethylethyl)-~~	~~005336-24-3~~
~~urea, 1,3-diphenyl-~~	~~000102-07-8~~
~~urea, 1,1,3,3-tetrabutyl-~~	~~004559-86-8~~
~~urea, N,N',N'-trimethyl-~~	~~000623-14-4~~
~~valeronitrile, 2,4-dimethyl-~~	~~034372-09-3~~
~~**Organics**~~	
~~vinylidine fluoride~~	~~000075-38-7~~
~~xylenol, 4-tert-butyl-2,6-~~	~~000879-97-0~~
~~xylenol, 6-tert-butyl-3,4-~~	~~001445-23-4~~
~~xylenol, 6-tert-butyl-1,4-~~	~~001879-09-0~~

~~[1] For the chemicals listed in this table, the evaluation criteria are 0.003 mg/L under static conditions, and 0.0003 mg/L under flowing conditions.~~

~~– concluded –~~

~~Annex E~~[1]

~~Informational drinking water criteria~~

~~E.1 General~~

~~The drinking water criteria in this annex have not undergone external peer review.~~

~~The drinking water criteria in this annex are intended to be used as guidance in the determination of evaluation criteria for those compounds that do not have normative evaluation criteria established. Some of these values, as noted in the tables, are currently under external peer review for inclusion as normative criteria. The values in these tables include criteria that have been developed according to the requirements of Annex A, but have not been externally peer reviewed. The tables also include non-regulatory USEPA values that have been reviewed but failed to satisfy Annex A toxicity data requirements. Compounds that have been detected only at concentrations below the threshold of evaluation (see Annex A, section A.7.1) to which the threshold of evaluation protocol has been applied are also listed here.~~

~~The drinking water criteria in this annex have not been evaluated for taste and odor considerations at the concentration limits indicated.~~

~~In the event that one of the chemicals listed in this annex is detected at concentrations exceeding the guidance evaluation criteria values, a complete toxicity data review should be conducted. The review should be performed according to Annex A requirements prior to using the informational evaluation criteria values to determine product compliance to this Standard.~~

~~The substances listed in Annex E, Tables E1 and E2 are not intended to encompass all of the potential analytes of interest that need to be considered when evaluating products. The user is cautioned that each product may have formulation dependent analytes of interest for which concentration limits have not been determined. In these cases, the user is required to develop acceptable concentration limits based on the requirements of Annex A of NSF/ANSI 60 in order to determine full compliance with the Standard.~~

~~These tables are specific to NSF/ANSI 60. While the tables may be used for evaluation of impurities in drinking water system components, the substances listed in these tables may have not been evaluated for use as indirect additive drinking water treatment chemicals under NSF/ANSI 61 *Drinking water system components – Health effects*.[1] Use as indirect additive drinking water additives may require the consideration of different exposure parameters than those used for NSF/ANSI 60 evaluation.~~

~~E.2 NSF International drinking water criteria (not externally peer reviewed)~~

~~Annex E, Table E1 contains drinking water criteria for unregulated contaminants that have been identified as extractants from products covered by this Standard. For criteria set by NSF International, the TAC and SPAC criteria have been determined in accordance with Annex A of NSF/ANSI 60 - 2000. External peer~~

[1] The information contained in this annex is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this annex may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

~~review is in progress on these evaluation criteria, as noted in the table. As external peer review is completed, those criteria will be submitted for inclusion as normative evaluation criteria in this Standard.~~

~~In the absence of sufficient information to determine a data-derived relative source contribution factor, a default 20% drinking water contribution is assumed.~~

~~Some of the SPAC values do not represent 10% of the corresponding TAC values; either a data deficiency precluded setting of the TAC at a higher value, or a data-derived multiple source factor other than the 10% default value was applied.~~

~~E.3 Informational threshold of evaluation chemicals~~

~~Annex E, Table E2 contains chemicals that have been evaluated using the threshold of evaluation (see Annex A, section A.7.1), but that may have sufficient toxicity data available that would enable chemical specific risk assessments to be performed if needed. To date, these chemicals have not been detected at concentrations exceeding the threshold of evaluation criteria. In the event that these chemicals are detected at concentrations exceeding the threshold of evaluation criteria, a toxicity data review should be conducted according to Annex A prior to using the threshold of evaluation to determine product compliance to this Standard.~~

~~**Table E1 – NSF International drinking water criteria (not externally peer reviewed)**~~

~~**Substance**~~	~~**CAS #**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~[1]
~~**Inorganics**~~			
~~aluminum~~	~~7429-90-5~~	~~2~~	~~NSF action levels~~[3] ~~Issue date: 07/90~~
~~bismuth~~	~~7440-69-9~~	~~0.01 (non-section 9)~~[2] ~~0.05 (section 9)~~[2]	~~NSF action levels~~[3]
~~lithium~~	~~7439-93-2~~	~~0.3~~	~~NSF action levels~~[3]
~~nickel~~	~~7440-02-0~~	~~0.02~~	~~NSF action levels~~[3]
~~vanadium~~	~~7440-62-2~~	~~0.003~~	~~NSF action levels~~[3]
~~**Organics**~~			
~~acetaldehyde~~	~~75-07-0~~	~~0.01~~	~~NSF action levels~~[3]
~~2,2'-azobisisobutyronitrile~~	~~78-67-1~~	~~0.01~~	~~NSF action levels~~[3] ~~Issue date: 07/01/96~~
~~butylacrylamine, tert-~~	~~107-58-4~~	~~0.01~~	~~NSF action levels~~[3]
~~butyl acrylate~~	~~141-32-2~~	~~0.01~~	~~NSF action levels~~[3]
~~chloroethane~~	~~75-00-3~~	~~0.004~~	~~NSF action levels~~[3] ~~issue date: 01/10/92~~
~~chloromethane~~	~~74-87-3~~	~~0.003~~	~~Based on the USEPA Lifetime Health Advisory. issue date: 1989~~
~~dibutylamine~~	~~111-92-2~~	~~0.01~~	~~NSF action levels~~[3]
~~dichloropropanol includes:~~ ~~2,3-dichloro-1-propanol~~ ~~1,3-dichloro-2-propanol~~	~~26545-73-3~~ ~~616-23-9~~ ~~96-23-1~~	~~0.009 (total)~~	~~NSF action levels~~[3]
~~diethanolamine~~	~~111-42-4~~	~~0.01~~	~~NSF action levels~~[3]
~~diethylene triamine~~	~~111-40-0~~	~~0.01~~	~~NSF action levels~~[3]
~~diisononyl phthalate~~	~~28553-12-0~~	~~0.05~~	~~NSF action levels~~[3]
~~dimethylamine~~	~~124-40-3~~	~~0.120~~	~~NSF action levels~~[3] ~~issue date: 11/06/98 (in external peer review)~~
~~ethanolamine~~	~~141-43-5~~	~~0.01~~	~~NSF action levels~~[3]
~~ethyl acrylate~~	~~140-88-5~~	~~0.001~~	~~NSF action levels~~[3]
~~ethylenediamine~~	~~107-15-3~~	~~0.2~~	~~NSF action levels~~[3]
~~1-hydroxyethylidene-1, 1-diphosphonic acid (HEDP)~~	~~2809-21-4~~	~~0.02~~	~~NSF action levels~~[3] ~~issue date: 07/08/99 (in external peer review)~~
~~3-hydroxypropane nitrile~~	~~109-78-4~~	~~0.01~~	~~NSF action levels~~[3] ~~Issue date: 09/03/97~~
~~maleic acid~~	~~110-16-7~~	~~0.05~~	~~NSF action levels~~[3]
~~methacrylic acid~~	~~79-41-4~~	~~0.02~~	~~NSF action levels~~[3]

~~**Table E1 – NSF International drinking water criteria (not externally peer reviewed)**~~

~~**Substance**~~	~~**CAS #**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**~~[1]
~~nonyl phenol~~	~~25154-52-3~~	~~0.002~~	~~NSF action levels~~[3] ~~issue date: 06/10/99~~
~~**Organics**~~			
~~polyoxyethylene dodecyl phenol~~ ~~- polyoxyethylene (6) dodecyl phenol~~ ~~- polyoxyethylene (9) dodecyl phenol~~ ~~- polyoxyethylene (40) dodecyl phenol~~	~~9014-92-0~~	~~0.01~~ ~~0.05~~ ~~0.05~~	~~NSF action levels~~[3] ~~issue date: 12/28/96~~
~~polyoxyethylene (6) lauryl ether~~	~~9002-92-0~~	~~0.05~~	~~NSF action levels~~[3] ~~issue date: 12/28/96~~
~~polyoxyethylene nonylphenol~~ ~~- polyoxyethylene (4, 9, 15, 30, or 40) nonyl phenol~~ ~~- polyoxyethylene (6 or 20) nonyl phenol~~	~~9016-45-9~~	~~0.05 (total)~~ ~~0.01 (total)~~	~~NSF action levels~~[3] ~~issue date: 12/28/96~~
~~polyoxyethylene octylphenol~~ ~~- polyoxyethylene (9) octyl phenol~~ ~~- polyoxyethylene (40) octyl phenol~~	~~9002-93-1~~	~~0.05 (total)~~	~~NSF action levels~~[3] ~~issue date: 12/28/96~~
~~polyoxyethylene sorbitan monoalkylanoate~~ ~~- polyoxyethylene sorbitan monooleate~~ ~~- polyoxyethylene sorbitan monolaurate~~ ~~- polyoxyethylene sorbitan monopalmitate~~ ~~- polyoxyethylene sorbitan monostearate~~	~~9005-65-6~~ ~~9005-64-5~~ ~~9005-66-7~~ ~~9005-67-8~~	~~1 (total)~~	~~NSF action levels~~[3] ~~Alkyl group is a fatty acid.~~ ~~issue date: 01/97~~
~~polyoxyethylene sorbitan tristearate~~	~~9005-71-4~~	~~0.05~~	~~NSF action levels~~[3] ~~issue date: 12/96~~
~~sodium dodecyl sulfate~~	~~151-21-3~~	~~0.01~~	~~NSF action levels~~[3]
~~sodium xylenesulfonate~~	~~1300-72-7~~	~~0.05~~	~~NSF action levels~~[3] ~~issue date: 04/96~~
~~sorbitan monoalkylanoate~~ ~~- sorbitan monooleate~~ ~~- sorbitan monopalmitate~~ ~~- sorbitan monostearate~~	~~1338-43-8~~ ~~1338-40-5~~ ~~1338-41-6~~	~~0.05 (total)~~	~~NSF action levels~~[3] ~~alkyl group is a fatty acid.~~ ~~issue date: 12/96~~

~~**Table E1 – NSF International drinking water criteria (not externally peer reviewed)**~~

~~**Substance**~~	~~**CAS #**~~	~~**Single product allowable concentration (SPAC) mg/L**~~	~~**Source of supporting documentation**[1]~~
~~terephthalic acid~~	~~100-21-0~~	~~0.01~~	~~NSF action levels[3]~~
~~n-triacontane~~	~~638-68-6~~	~~0.07~~	~~NSF action levels[3]~~ ~~Issue date: 06/10/99~~
~~triethanolamine~~	~~102-71-6~~	~~0.05~~	~~NSF action levels[3]~~
~~trimethylamine~~	~~75-50-3~~	~~0.001~~	~~NSF action levels[3]~~
~~**Organics**~~			
~~trimethylbenzene, 1,2,4-~~	~~95-63-6~~	~~0.05~~	~~NSF action levels[3]~~ ~~Issue date: 06/10/99~~
~~vinyl acetate~~	~~108-05-4~~	~~0.002~~	~~NSF action levels[3]~~
~~white mineral oil~~	~~8042-47-5~~	~~0.01 (10-26 CTS)~~ ~~0.05 (68-100 CTS)~~	~~NSF action levels[3]~~ ~~SPAC is a function of viscosity.~~ ~~issue date: 04/02/96~~

~~[1] Criteria are derived from the oral RfD on the USEPA IRIS database as follows:~~
~~Oral RfD (mg /kg-d) x (70 kg /2 L/d) x relative source contribution factor = TAC (mg/L)~~

~~where:~~
~~70 kg = assumed adult body weight;~~
~~2 L/d = assumed adult water consumption; and~~
~~relative source contribution factor = percentage of daily exposure to the substance represented by drinking water (default value is 20%)~~

~~[2] For NSF/ANSI 61, section 9 products, a 100% multiple source factor was applied during the SPAC calculation, since no other sources of bismuth were expected within the one liter draw specified for section 9. For non-section 9 products, a 20% multiple source factor was applied.~~

~~[3] NSF action levels have been derived according to the requirements of ANSI/NSF 60 - 2000, Annex A. External peer review is in progress on some of these substances, as noted.~~

~~**Table E2 – Threshold of evaluation chemicals having datasets from which specific TAC/SPAC values, or CBEL values, could be set using Annex A**[1]~~

~~**Substance**~~	~~**CAS#**~~
~~**Inorganics**~~	
~~cobalt~~	~~007440-48-4~~
~~titanium~~	~~007440-32-6~~
~~**Organics**~~	
~~acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-~~	~~000137-58-6~~
~~benzalazine~~	~~064896-26-0~~
~~benzamide~~	~~000055-21-0~~
~~benzophenone~~	~~000119-61-9~~
~~benzoguanamine~~	~~000091-76-9~~
~~benzotriazole, 1,2,3-~~	~~000095-14-7~~
~~benzyl acetate~~	~~000140-11-4~~
~~benzyl alcohol, 3,5-di-tert-butyl-4-hydroxy-~~	~~000088-26-6~~
~~cyanoguanidine~~	~~000461-58-5~~
~~cyclohexene~~	~~000110-83-8~~
~~dichlorodifluoromethane~~	~~000075-71-8~~
~~diethylaminoethanol~~	~~000100-37-8~~
~~dimethylacetamide, n,n-~~	~~000127-19-5~~
~~dimethyl adipate~~	~~000627-93-0~~
~~dimethylaminopropanenitrile~~	~~001738-25-6~~
~~dimethylformamide, n,n-~~	~~000068-12-2~~
~~dimethyl phthalate~~	~~000131-11-3~~
~~diphenyl guanidine, 1,3-(or n,n-)~~	~~000102-06-7~~
~~diphenyl-p-phenylenediamine, n,n'-~~	~~000074-31-7~~
~~ethanol, 2-diethylamino-~~	~~000100-37-8~~
~~ethanol, 2-(dimethylamino)-~~	~~000108-01-0~~
~~ethanol, 2-phenoxy-~~	~~000122-99-6~~
~~ethanol, 1-phenyl-~~	~~000098-85-1~~
~~fluoranthene~~	~~000206-44-0~~
~~fluorescein~~	~~002321-07-5~~
~~fluorescein, dipotassium salt~~	~~006417-85-2~~
~~furanmethanol, 2-~~	~~000098-00-0~~
~~heptanoic acid, n-~~	~~000111-14-8~~
~~hexamethylenetetramine~~	~~000100-97-0~~
~~hexanoic acid, n-~~	~~000142-62-1~~
~~isobutyl isobutyrate~~	~~000097-85-8~~
~~(isopropylamino)diphenylamine, 4-~~	~~000101-72-4~~
~~Isopropyltoluene~~	~~000099-87-6~~
~~methyl acrylate~~	~~000096-33-3~~
~~methyldiethanolamine, n-~~	~~000105-59-9~~
~~methylene diphenyl diisocyanate~~	~~000101-68-8~~
~~methylene bis(n-iso-butylbenzenamine)~~	~~088990-59-4~~
~~phenylene diamine, n-(1,3-dimethylbutyl)-n'-phenyl-p-~~	~~000793-24-8~~
~~phenylenediamine, n-phenyl-p-~~	~~000101-54-2~~

~~**Table E2 – Threshold of evaluation chemicals having datasets from which specific TAC/SPAC values, or CBEL values, could be set using Annex A**[1]~~

~~**Substance**~~	~~**CAS#**~~
~~phthalic acid, o-~~	~~000088-99-3~~
~~piperidine~~	~~000110-89-4~~
~~**Organics**~~	
~~sebacate, bis(2-ethylhexyl)-~~	~~000122-62-3~~
~~silane, gamma-aminopropyl triethoxy-~~	~~000919-30-2~~
~~tacrine~~	~~000321-64-2~~
~~tetramethylene sulfone~~	~~000126-33-0~~
~~tetramethyl piperidinone~~	~~000826-36-8~~
~~thiabendazole~~	~~000148-79-8~~
~~triallyl isocyanurate~~	~~001025-15-6~~
~~triethylene diamine~~	~~000280-57-9~~
~~tris(2-ethylhexyl) phosphate~~	~~000078-42-2~~
~~vanillin, o-~~	~~000148-53-8~~

~~[1] For the chemicals in this table, the evaluation criteria are 0.003 mg/L under static conditions and 0.0003 mg/L under flowing conditions. The chemicals that appear in this table have been detected only at concentrations not exceeding these threshold of evaluation concentrations as established in this standard (see Annex A, A.7.1), and have not been evaluated for specific TAC and SPAC values. If any of these chemicals are detected at concentrations exceeding the threshold of evaluation, toxicity data shall be reviewed to determine whether specific TAC and SPAC values can be established, prior to using threshold of evaluation to determine compliance with the Standard.~~

~~– conclude –~~

D.1 General

The drinking water criteria in this annex shall be used as evaluation criteria for the determination of product compliance with the health effects requirements of NSF/ANSI Standard 60 and NSF/ANSI Standard 61.

The values in Table D1 include the consensus USEPA and Health Canada drinking water criteria for contaminants evaluated by these two agencies. They also include criteria for non-regulated contaminants that have been developed according to the toxicity data requirements of Annex A. Non-regulatory USEPA guidance values are also included, as well as chemicals that have been evaluated using the threshold of evaluation approach.

The drinking water criteria in this annex have not been evaluated for taste and odor considerations at the concentration limits indicated.

The substances listed in Annex D are not intended to encompass all the potential analytes of interest that need to be considered in evaluating products to the requirements of this Standard. The user is cautioned that each product may have formulation-dependent analytes of interest for which acceptable concentration limits have not been determined. In these cases, the user is required to develop acceptable concentration limits based on the requirements of Annex A in order to determine full compliance with the Standard.

D.2 USEPA and Health Canada drinking water criteria

Where indicated, Table D1 contains drinking water criteria for contaminants regulated by the USEPA and established by Health Canada. Values for each contaminant have been agreed upon by representatives of both agencies for the purpose of evaluating products against the health effects requirements of this Standard. For each substance, the values in the table represent a consensus decision regarding the selection of the most appropriate assessment upon which to base NSF/ANSI 61 evaluation.

At the time of publication, the indicated values were valid. These values are subject to change, however, and the user is encouraged to contact USEPA or Health Canada for the most current values. Some of these values have been developed using a linear multistage model to predict theoretical excess carcinogenic risk at low exposure concentrations. Where the database is sufficient and the compound mode of action can be determined, the USEPA is replacing the default linear multistage model with either a biologically based cell kinetic multistage model or a margin of exposure analysis. Cancer potency (q1*) values developed using the linear multistage model may be re-evaluated in the future.

D.3 NSF International peer-reviewed drinking water criteria

Where indicated, Table D1 contains drinking water criteria for unregulated substances for which NSF International has determined Total Allowable Concentrations (TAC) and Single Product Allowable Concentrations (SPAC) in accordance with Annex A of this Standard. These criteria have been externally peer-reviewed.

At the time of publication, the indicated values were valid. These values are subject to change, however, and the user is encouraged to contact NSF International for the most current values.

D.4 NSF International drinking water criteria (not externally peer-reviewed)

Where indicated, Table D1 contains drinking water criteria for unregulated contaminants that have been identified as extractants from products covered by this Standard. For criteria set by NSF International, the TAC and SPAC criteria have been determined in accordance with Annex A; however, such criteria are either in the process of undergoing external peer-review or have not been submitted for external peer review.

In the absence of sufficient information to determine a data-derived relative source contribution factor, a default 20% drinking water contribution is assumed. Some of the SPAC values do not represent 10% of the corresponding TAC values; either a data deficiency precluded setting of the TAC at a higher value, or a data-derived multiple source factor other than the 10% default value was applied.

At the time of publication, the indicated values were valid. These values are subject to change, however, and the user is encouraged to contact NSF International for the most current values.

D.5 Drinking water criteria based on USEPA guidance concentrations

Where indicated, Table D1 contains drinking water criteria for unregulated contaminants for which the acceptable drinking water concentrations are based on USEPA guidance values, including those in the USEPA Health Advisory and Integrated Risk Information System (IRIS) databases. A relative source contribution factor has been applied to calculation of the drinking water criteria when such a factor was not applied as part of the USEPA risk assessment. In the absence of sufficient information to determine a data-derived relative source contribution factor, a default 20% drinking water contribution is assumed.

At the time of publication, the indicated values were valid. These values are subject to change, however, and the user is encouraged to contact USEPA for the most current values. Some of these values have been developed using a linear multistage model to predict risk at low exposure concentrations and may be re-evaluated in the future.

D.6 Threshold of evaluation (TOE) chemical list

Where indicated, Table D1 contain the list of chemicals that have been evaluated under the threshold of evaluation because either they lack of the minimum data to determine chemical specific concentrations in accordance with the requirements of Annex A (see Annex A, section A.7.1) or they may have sufficient toxicity data available that would enable chemical specific risk assessments to be performed but have not been detected at concentrations exceeding the threshold of evaluation criteria.

In the event that these chemicals are detected at concentrations exceeding the threshold of evaluation criteria, a toxicity data review should be conducted according to Annex A prior to using the threshold of evaluation to determine product compliance to this Standard. Qualification to the threshold of evaluation category includes a comprehensive literature search for the particular substance and consideration of structure-activity relationships.

Table D1 – U.S. Environmental Protection Agency and Health Canada NSF/ANSI 60 drinking water criteria

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
formaldehyde	50-00-0	1	0.1	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. verification date: 06/20/1990	—
p,p'-dichlorodiphenyl trichloroethane (DDT)	50-29-3	0.001	0.0001	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 06/24/1987	—
benzo(a)pyrene	50-32-8	0.0002	0.00002	—	40 CFR §141.60, 40 CFR §141.61	—
benzoic acid, 2,5-dichloro-	50-79-3	0.003	0.0003	0.01	TOE	—
2,4-dichlorobenzoic acid	50-84-0	0.1	0.01	0.5	NSF action level External peer review date: 04/21/2004	—
benzoic acid, 3,4-dichloro-	51-44-5	0.003	0.0003	0.01	TOE	—
N-nitrosodiethylamine	55-18-5	0.000002	0.0000002	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk level. Verification date: 10/29/86	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
benzamide	55-21-0	0.003	0.0003	0.01	TOE	__
dipropylamine, 3,3'-diamino-	56-18-8	0.003	0.0003	0.01	TOE	__
carbon tetrachloride	56-23-5	0.005	0.0005	__	40 CFR §141.60, 40 CFR §141.61	__
tributyltin oxide	56-35-9	0.002	0.0002	__	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus date: 07/02/1997	__
benzyltriethylammonium chloride	56-37-1	0.003	0.0003	0.01	TOE	__
parathion	56-38-2	0.05	0.005	__	Health Canada MAC Issue date: 02/86	__
cyanide (as free cyanide)	57-12-5	0.2	0.02	__	40 CFR §141.60, 40 CFR §141.62	__
chlordane	57-74-9	0.002	0.0002	__	40 CFR §141.60, 40 CFR §141.61	__
lindane	58-89-9	0.0002	0.00002	__	40 CFR §141.60, 40 CFR §141.61	__
2,3,4,6-tetrachlorophenol	58-90-2	0.1	0.01	__	Health Canada MAC Issue date: 02/87	__
mephenesin	59-47-2	0.003	0.0003	0.01	TOE	__
p-chloro-m-cresol	59-50-7	0.7	0.07	1	NSF action level External peer review date: 04/25/2002	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
N-nitrosomorpholine	59-89-2	0.00004	0.000004	0.00004	NSF action level External peer review date: 04/18/2013	—
phenylethanol, 2-	60-12-8	0.003	0.0003	0.01	TOE	—
dimethoate	60-51-5	0.02	0.002	—	Health Canada MAC Issue date: 02/86	—
dieldrin	60-57-1	0.0007 (total)	0.00007 (total)	—	Health Canada MAC Issue date: 10/94	Detections shall be summed with the following chemicals: CAS# 309-00-2
aniline	62-53-3	0.06	0.006	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 06/03/1987	—
N-nitrosodimethylamine	62-75-9	0.000007	0.0000007	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. verification date: 10/29/86	—
carbaryl	63-25-2	0.09	0.009	—	Health Canada MAC Issue date: 02/86	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
phenylurea	64-10-8	0.003	0.0003	0.01	TOE	—
benzoic acid	65-85-0	30	3	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 09/17/1987	—
hexanal	66-25-1	0.003	0.0003	0.01	TOE	—
5-hydroxymethylfurfural	67-47-0	0.003	0.0003	0.01	TOE	—
methanol	67-56-1	10	1	10	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 09/30/2013	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
acetone	67-64-1	6	0.6	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency consensus date: 05/29/2003	—
chloroform	67-66-3	0.080 (total)	0.080 (total)	—	40 CFR §141.64	Detections shall be summed with the following chemicals: CAS# 75-25-2, CAS# 75-25-4, and CAS# 124-48-1
ethane, hexachloro-	67-72-1	0.009	0.0009	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. verification date: 09/23/2011	—
N,N-dimethylformamide	68-12-2	0.09	0.009	0.4	NSF action level External peer review date: 04/18/2013	—
benzenesulfonamide, 4-methyl-	70-55-3	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
n-butanol	71-36-3	0.7	0.07	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 05/14/1986	—
benzene	71-43-2	0.005	0.0005	—	40 CFR §141.60, 40 CFR §141.61	—
trichloroethane (1,1,1-)	71-55-6	0.2	0.02	—	40 CFR §141.60, 40 CFR §141.61	—
endrin	72-20-8	0.002	0.0002	—	40 CFR §141.60, 40 CFR §141.61	—
methoxychlor	72-43-5	0.04	0.004	—	40 CFR §141.60, 40 CFR §141.61	—
p,p'-dichlorodiphenyl dichloroethane (DDD)	72-54-8	0.001	0.0001	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 06/24/1987	—
p,p'-dichlorodiphenyl dichloroethylene (DDE)	72-55-9	0.001	0.0001	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 06/24/1987	—
diphenyl-p-phenylenediamine, n,n'-	74-31-7	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
bromomethane	74-83-9	0.01	0.001	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 05/26/1988	—
chloromethane	74-87-3	0.03	0.003	—	Based on the USEPA Lifetime Health Advisory. Issue date: 1989	—
iodomethane	74-88-4	0.003	0.0003	0.01	TOE	—
bromochloromethane	74-97-5	0.09	0.009	—	USEPA Lifetime Drinking Water Health Advisory Issue date: 1989	—
chloroethane	75-00-3	0.0004	0.00004	—	NSF action level Issue date: 01/10/92	—
vinyl chloride	75-01-4	0.002	0.0002	—	40 CFR §141.60, 40 CFR §141.61	—
acetaldehyde	75-07-0	0.01	0.01	—	NSF action level Issue date: 04/24/96	—
dichloromethane	75-09-2	0.005	0.0005	—	40 CFR §141.60, 40 CFR §141.61	—
diiodomethane	75-11-6	0.003	0.0003	—	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
carbon disulfide	75-15-0	0.7	0.07	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 08/05/1985	—
bromoform	75-25-2	0.080 (total)	0.080 (total)	—	40 CFR §141.64	Detections shall be summed with the following chemicals: CAS# 75-25-4, CAS# 124-48-1, and CAS# 67-66-3
bromodichloromethane	75-27-4	0.080 (total)	0.080 (total)	—	40 CFR §141.64	Detections shall be summed with the following chemicals: CAS# 75-25-2, CAS# 124-48-1, and CAS# 67-66-3
ethane, 1,1-dichloro-	75-34-3	0.003	0.0003	0.01	TOE	—
dichloroethylene (1,1-)	75-35-4	0.007	0.0007	—	40 CFR §141.60, 40 CFR §141.61	—
ethane, 1,1-difluro-	75-37-6	0.003	0.0003	0.01	TOE	—
vinylidine fluoride	75-38-7	0.003	0.0003	0.01	TOE	—
methane, chlorodifluoro-	75-45-6	0.003	0.0003	0.01	TOE	—
trimethylamine	75-50-3	0.01	0.001	—	NSF action level Issue date: 11/11/96	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
propylene oxide	75-56-9	0.001	0.0001	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. verification date: 04/05/1990	—
tert-butylamine	75-64-9	0.003	0.0003	0.01	TOE	—
t-butanol	75-65-0	9	0.9	40	NSF action level External peer review date: 10/03/2002	—
trichlorofluoromethane	75-69-4	2	0.2	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 05/31/1985	—
dichlorodifluoromethane	75-71-8	0.003	0.0003	0.01	TOE	—
propanoic acid, 2,2-dimethyl-	75-98-9	0.003	0.0003	0.01	TOE	—
dalapon	75-99-0	0.2	0.02	—	40 CFR §141.60, 40 CFR §141.61	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
trichloroacetic acid	76-03-9	0.060 (total)	0.0060 (total)	0.060 (total)	40 CFR §141.64	Detections shall be summed with the following chemicals: CAS# 79-08-3, CAS# 79-11-8, CAS# 631-64-1, and CAS# 79-43-6. Dichloroacetic acid (CAS# 79-43-6) must also be evaluated under its separate pass/fail criteria (TAC = 0.007 mg/L, SPAC = 0.0007 mg/L)
heptachlor	76-44-8	0.0004	0.00004	—	40 CFR §141.60, 40 CFR §141.61	—
hexachlorocyclopentadiene	77-47-4	0.05	0.005	—	40 CFR §141.60, 40 CFR §141.61	—
1,3-dibromo-5,5-dimethylhydantoin	77-48-5	60	10	—	NSF action level External peer review date: 05/05/2010	—
propanoic acid, 2-methyl-, 3-hydroxy-2,2,4-trimethylpentyl ester	77-68-9	0.4 (total)	0.04 (total)	5 (total)	NSF action level External peer review date: 05/10/2011	Detections shall be summed with the following chemicals: CAS# 144-19-4, CAS# 6846-50-0, CAS# 25265-77-4, CAS# 74367-33-2 and CAS# 74367-34-3

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
acetyl tributyl citrate	77-90-7	5	0.5	8	NSF action level External peer review date: 10/30/2013	—
triethyl citrate	77-93-0	4	0.4	20	NSF action level External peer review date: 11/05/2004	—
citric acid, tributyl ester	77-94-1	0.003	0.0003	0.01	TOE	—
triethyl phosphate	78-40-0	0.2 (total)	0.02 (total)	0.3 (total)	NSF action level External peer review date: 10/10/2006	Detections shall be summed with the following chemicals: CAS# 126-73-8 and CAS# 513-08-6
tris(2-ethylhexyl) phosphate	78-42-2	0.003	0.0003	0.01	TOE	—
N-isopropyl-2-methyl-2-propyl-1,3-propanediol dicarbamate	78-44-4	0.003	0.0003	0.01	TOE	—
tris-(2-butoxyethyl) phosphate	78-51-3	0.4	0.04	2	NSF action level External peer review date: 05/10/2011	—
isophorone	78-59-1	0.4	0.04	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 08/05/1992	—
2,2'-azobisisobutyronitrile	78-67-1	0.01	0.01	—	NSF action level Issue date: 07/01/96	—
octadien-3-ol, 3,7-dimethyl-1,6-	78-70-6	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
Isobutyronitrile	78-82-0	0.003	0.0003	0.01	TOE	—
dichloropropane (1,2-)	78-87-5	0.005	0.0005	—	40 CFR §141.60, 40 CFR §141.61	—
methyl ethyl ketone (MEK)	78-93-3	4	0.4	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 09/10/2003	—
propanol, 1-amino-2 -	78-96-6	0.003	0.0003	0.01	TOE	—
trichloroethane (1,1,2-)	79-00-5	0.005	0.0005	—	40 CFR §141.60, 40 CFR §141.61	—
trichloroethylene	79-01-6	0.005	0.0005	—	40 CFR §141.60, 40 CFR §141.61	—
acrylamide	79-06-1	0.0004	0.00004	—	Derived from the USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels in the IRIS Toxicological Review document. Dated: March 2010	—
acrylamide (as a monomer in drinking water treatment polymers)	79-06-1	TT (0.05% dosed at 1 ppm, or equivalent)	TT (0.05% dosed at 1 ppm, or equivalen	—	40 CFR §141.111, 40 CFR §141.110	TT = treatment technique.

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
			t)			
bromoacetic acid	79-08-3	0.060 (total)	0.0060 (total)	0.060 (total)	40 CFR §141.64	Detections shall be summed with the following chemicals: CAS# 76-03-9, CAS# 79-11-8, CAS# 631-64-1, and CAS# 79-43-6. Dichloroacetic acid (CAS# 79-43-6) must also be evaluated under its separate pass/fail criteria (TAC = 0.007 mg/L, SPAC = 0.0007 mg/L)
acrylic acid	79-10-7	4	0.4	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. verification date: 02/17/1994	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
chloroacetic acid	79-11-8	0.060 (total)	0.0060 (total)	0.060 (total)	40 CFR §141.64	Detections shall be summed with the following chemicals: CAS# 79-08-3, CAS# 76-03-9, CAS# 631-64-1, and CAS# 79-43-6. Dichloroacetic acid (CAS# 79-43-6) must also be evaluated under its separate pass/fail criteria (TAC = 0.007 mg/L, SPAC = 0.0007 mg/L)
methyl acetate	79-20-9	0.003	0.0003	0.01	TOE	—
isobutyric acid	79-31-2	0.003	0.0003	0.01	TOE	—
1,1,2,2-tetrachloroethane	79-34-5	0.002	0.0002	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 06/26/1986	—
methacrylic acid	79-41-4	0.05	0.02	—	NSF action level Issue date 05/25/1993	—
dichloroacetic acid	79-43-6	0.007	0.0007	—	USEPA IRIS $10^{-5}/10^{-6}$ upper bound risk levels. Agency Consensus Date: 08/20/2003	Detections shall be summed with the following chemicals: CAS# 79-08-3, CAS# 76-03-9, CAS# 631-64-1, and CAS# 79-11-8. Dichloroacetic acid (CAS# 79-43-6) must also be evaluated under its separate pass/fail

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
						criteria (TAC = 0.007 mg/L, SPAC = 0.0007 mg/L)
pempidine	79-55-0	0.003	0.0003	0.01	TOE	—
bisphenol A	80-05-7	0.1	0.01	0.2	NSF action level External peer review date: 03/19/2007	—
toluenesulfonamide, N-ethyl-4-	80-39-7	0.003	0.0003	0.01	TOE	—
propanoic acid, 2-hydroxy-2-methyl-ethyl ester	80-55-7	0.003	0.0003	0.01	TOE	—
methyl methacrylate	80-62-6	10	1	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 11/25/1997	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
pentachloronitrobenzene	82-68-8	0.02	0.002	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 04/15/1987	
acenaphthene	83-32-9	0.003	0.0003	0.01	TOE	—
indan-1-one	83-33-0	0.003	0.0003	0.01	TOE	—
diethyl phthalate	84-66-2	6	0.6	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 07/16/1987	—
diisobutyl phthalate	84-69-5	0.8	0.08	—	NSF action level JPRSC consensus date: 10/29/2013	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
di-n-butyl phthalate	84-74-2	0.7	0.07	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 01/22/1986	—
phenanthrene	85-01-8	0.003	0.0003	0.01	TOE	—
isoindole-1,3-dione	85-41-6	0.003	0.0003	0.01	TOE	—
hexahydrophthalic anhydride	85-42-7	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 10/17/2012	Detections shall be summed with the following chemicals: CAS# 85-43-8. CAS# 11070-44-3, CAS# 25134-21-8 and CAS# 25550-51-0
tetrahydrophthalic anhydride	85-43-8	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 10/17/2012	Detections shall be summed with the following chemicals: CAS# 85-42-7. CAS# 11070-44-3, CAS# 25134-21-8 and CAS# 25550-51-0

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
phthalic anhydride	85-44-9	10	1	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 02/24/1988	—
butylbenzyl phthalate	85-68-7	1	0.1	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 06/15/1989	—
N-nitrosodiphenylamine	86-30-6	0.07	0.007	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 02/11/1987	—
azinphos-methyl	86-50-0	0.02	0.002	—	Issue date: 02/86	—
carbazole	86-74-8	0.003	0.0003	0.01	TOE	—
1(3H)-isobenzofuranone	87-41-2	0.01	0.01	0.01	NSF action level External peer review date: 04/06/2006	—
benzene, 1,2,3-trichloro-	87-61-6	0.003	0.0003	0.01	TOE	—
phenol, 2,6-dichloro-	87-65-0	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
hexabromobenzene	87-82-1	0.01	0.001	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. verification date: 11/06/1985	—
pentachlorophenol	87-86-5	0.001	0.0001	—	40 CFR §141.60, 40 CFR §141.61	—
2,4,6-trichlorophenol	88-06-2	0.005	0.0005	—	Health Canada MAC Issue date: 02/87	—
benzene, 1-chloro-2-(trifluoromethyl)-	88-16-4	0.003	0.0003	0.01	TOE	—
o-toluenesulfonamide	88-19-7	0.003	0.0003	0.01	TOE	—
phenol, 2,2'-methylenebis (6-tert-butyl)-4-ethyl-	88-24-4	0.003	0.0003	0.01	TOE	—
benzyl alcohol, 3,5-di-tert-butyl-4-hydroxy-	88-26-6	0.003	0.0003	0.01	TOE	—
2,6-di-tert-butyl-4-(dimethylaminomethyl)phenol	88-27-7	0.003	0.0003	0.01	TOE	—
dinoseb	88-85-7	0.007	0.0007	—	40 CFR §141.60, 40 CFR §141.61	—
phthalic acid, o-	88-99-3	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
2-methylbenzyl alcohol	89-95-2	0.003	0.0003	0.01	TOE	—
benzaldehyde, 2-hydroxy-	90-02-8	0.003	0.0003	0.01	TOE	—
2-methoxy-phenol	90-05-1	0.003	0.0003	0.01	TOE	—
1-methylnaphthalene	90-12-0	0.05	0.05		NSF action level Issue date 09/16/96	—
2-phenylphenol	90-43-7	7	0.7	20	NSF action level External peer review date: 10/17/2012	—
phenol, 2,4,6-tris(dimethylaminomethyl)-	90-72-2	0.003	0.0003	0.01	TOE	—
benzhydrol	91-01-0	0.05	0.05	0.05	NSF action level External peer review date: 04/23/2014	—
1,2-benzenedicarbonitrile	91-15-6	0.003	0.0003	0.01	TOE	—
naphthalene	91-20-3	0.1	0.01	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 07/01/1998	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
quinoline	91-22-5	0.0001	0.00001	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Agency Consensus Date: 09/21/2001	—
methylcoumarin, 7-diethylamino-4-	91-44-1	0.003	0.0003	0.01	TOE	—
2-methyl naphthalene	91-57-6	0.03	0.003	_	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 12/11/2003	—
diethylaniline	91-66-7	0.003	0.0003	0.01	TOE	—
benzoguanamine	91-76-9	0.003	0.0003	0.01	TOE	—
3,3'-dichlorobenzidine	91-94-1	0.0008	0.00008	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 11/30/1988	—
morpholine, 4-phenyl-	92-53-5	0.003	0.0003	0.01	TOE	—
phenothiazine	92-84-2	0.003	0.0003	0.01	TOE	—
benzidine	92-87-5	0.000002	0.0000002	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 12/17/1986	—
propanol, phenyl	93-54-9	0.003	0.0003	0.01	TOE	—
propanone, 1-phenyl-1-	93-55-0	0.003	0.0003	0.01	TOE	—
styrene glycol	93-56-1	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
formamide, N-methyl-N-phenyl-	93-61-8	0.003	0.0003	0.01	TOE	—
fenoprop	93-72-1	0.05	0.005	—	40 CFR §141.60, 40 CFR §141.61	—
benzanilide	93-98-1	0.003	0.0003	0.01	TOE	—
propylparaben	94-13-3	0.003	0.0003	0.01	TOE	—
butylparaben	94-26-8	0.003	0.0003	0.01	TOE	—
triethyleneglycol di(2-ethylhexanoate)	94-28-0	0.003	0.0003	0.01	TOE	—
phenetidine, o-	94-70-2	0.003	0.0003	0.01	TOE	—
2,4-D	94-75-7	0.07	0.007	—	40 CFR §141.60, 40 CFR §141.61	—
S,S-di(diethylaminothioxomethyl)sulfide	95-05-6	0.003	0.0003	0.01	TOE	—
indene	95-13-6	0.003	0.0003	0.01	TOE	—
benzotriazole, 1,2,3-	95-14-7	0.003	0.0003	0.01	TOE	—
1-bromo-2-methylbenzene	95-46-5	0.003	0.0003	0.01	TOE	—
o-xylene	95-47-6	10 (total)	1 (total)	—	40 CFR §141.60, 40 CFR §141.61	Detections shall be summed with the following chemicals: CAS# 106-42-3 and CAS# 108-38-3
2-methylphenol	95-48-7	0.4	0.04	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification Date: 09/01/1990	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
2-chlorotoluene	95-49-8	0.1	0.01	—	Based on the oral RfD and lifetime drinking water health advisory in the USEPA 2011 Edition of the Drinking Water Standards and Health Advisories	—
dichlorobenzene o-	95-50-1	0.6	0.06	—	40 CFR §141.60, 40 CFR §141.61	—
o-toluidine	95-53-4	0.02	0.002	0.02	NSF action level External peer review date: 05/05/2010	—
bromophenol, 2-	95-56-7	0.003	0.0003	0.01	TOE	—
trimethylbenzene, 1,2,4-	95-63-6		0.05	—	NSF action level Issue date: 06/10/99	—
3,4-dimethylphenol	95-65-8	0.007	0.0007	—	Derived from the oral RfD on the USEPA IRIS database with an default 20% relative source contribution for drinking water. verification date: 01/22/1986	—
2-chloro-1,4-dimethylbenzene	95-72-7	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
4-chloro-1,2-benzenediamine	95-83-0	0.2	0.02	0.2	NSF action level External peer review date: 04/20/2004	—
menthane, 1,2:8,9-diepoxy-	96-08-2	0.003	0.0003	0.01	TOE	—
dibromo-3-chloropropane (1,2-)	96-12-8	0.0002	0.00002	—	40 CFR §141.60, 40 CFR §141.61	—
pentane, 3-methyl	96-14-0	0.003	0.0003	0.01	TOE	—
1,2,3-trichloropropane	96-18-4	0.04	0.004	—	USEPA Lifetime Drinking Water Health Advisory Issue date: 1989	—
1,3,-dichlroro-2-propanol	96-23-1	0.03 (total)	0.009 (total)	—	NSF action level Issue date: 5/97	Detections shall be summed with the following chemicals: CAS# 616-23-9
methyl acrylate	96-33-3	0.003	0.0003	0.01	TOE	—
ethylene thiourea	96-45-7	0.0006	0.00006	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 02/20/1991	—
γ-butyrolactone	96-48-0	4	0.4	4	NSF action level External peer review date: 10/04/2002	—
4,4'-thiobis-(6-t-butyl-o-cresol)	96-66-2	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
phenol, 2,4-di-tert-butyl	96-76-4	0.1	0.01	2	NSF action level External peer review date: 10/17/2012	—
di-o-tolylguanidine, 1,3-	97-39-2	0.003	0.0003	0.01	TOE	—
5-chloro-2,4-dimethyoxybenzamine	97-50-7	0.003	0.0003	0.01	TOE	—
bis(dimethylthiocarbamoyl) sulfide	97-74-5	0.003	0.0003	0.01	TOE	—
isobutyl isobutyrate	97-85-8	0.003	0.0003	0.01	TOE	—
isobutyl methacrylate	97-86-9	0.003	0.0003	0.01	TOE	—
2-methyl-propanoic acid, butyl ester	97-87-0	0.003	0.0003	0.01	TOE	—
ethylene glycol dimethacrylate	97-90-5	0.003	0.0003	0.01	TOE	—
tetrahydrofurfuryl alcohol	97-99-4	0.003	0.0003	0.01	TOE	—
furanmethanol, 2-	98-00-0	0.003	0.0003	0.01	TOE	—
furfural	98-01-1	0.2	0.02	3	NSF action level External peer review date: 09/03/2003	—
benzotrichloride	98-07-7	0.00003	0.000003	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 08/02/1989	—
benzene, 1-chloro-3-(trifluoromethyl)-	98-15-7	0.003	0.0003	0.01	TOE	—
4-t-butyl-2-chlorophenol	98-28-2	0.003	0.0003	0.01	TOE	—
cyclohexanol, 4-tert-butyl-	98-52-2	0.003	0.0003	0.01	TOE	—
p-tert-butylphenol	98-54-4	0.5	0.05	7	NSF action level External peer review date: 10/05/2010	—
terpineol, alpha-	98-55-5	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
4-chlorobenzo-trifluoride	98-56-6	0.3	0.03	5	NSF action level External peer review date: 04/07/2006	—
benzoic acid, 4-tert-butyl-	98-73-7	0.003	0.0003	0.01	TOE	—
isopropylbenzene (cumene)	98-82-8	0.7	0.07	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 06/06/1997	—
styrene, alpha-methyl-	98-83-9	0.006	0.0006	0.006	NSF action level External peer review date: 04/23/2014	—
benzyl alcohol, alpha methyl	98-85-1	0.7	0.07	_	UL action level JPRSC consensus date: 10/29/2013	—
acetophenone	98-86-2	0.2	0.02	1	NSF action level External peer review date: 09/03/2003	—
cyclohexanamine, N,N-dimethyl-	98-94-2	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
nitrobenzene	98-95-3	0.01	0.001	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification Date: 02/06/2009	—
benzoic acid, m-methyl-	99-04-7	0.003	0.0003	0.01	TOE	—
1,3,5-trinitrobenzene	99-35-4	0.2	0.02	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 08/27/1997	—
methylparaben	99-76-3	0.003	0.0003	0.01	TOE	—
cyclohexane, 1-isopropyl-4-methyl-	99-82-1	0.003	0.0003	0.01	TOE	—
isopropyltoluene	99-87-6	0.003	0.0003	0.01	TOE	—
acetophenone, 4'-hydroxy-	99-93-4	0.003	0.0003	0.01	TOE	—
benzoic acid, p-methyl-	99-94-5	0.003	0.0003	0.01	TOE	—
aniline, 4-nitro-	100-01-6	0.04	0.004	—	UL action level JPRSC consensus date: 06/11/2014	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
4-nitrophenol	100-02-7	0.06	0.006	0.06	Based on the oral RfD and lifetime drinking water health advisory in the USEPA 2012 Edition of the Drinking Water Standards and Health Advisories	—
terephthalic acid	100-21-0	3	0.3	3	NSF action level External peer review date: 10/16/2008	—
diethylaminoethanol	100-37-8	0.003	0.0003	0.01	TOE	—
ethylbenzene	100-41-4	0.7	0.07	—	40 CFR §141.60, 40 CFR §141.61	—
styrene	100-42-5	0.1	0.01	—	40 CFR §141.60, 40 CFR §141.61	—
benzyl chloride	100-44-7	0.002	0.0002	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. verification date: 03/01/1989	—
cyclohexene, 4-cyano also (1-cyano-3-cyclohexene)	100-45-8	0.003	0.0003	0.01	TOE	—
benzylamine	100-46-9	0.003	0.0003	0.01	TOE	—
benzonitrile	100-47-0	0.003	0.0003	0.01	TOE	—
3-cyclohexene-1-carboxaldehyde	100-50-5	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
benzyl alcohol	100-51-6	30	3	_	UL action level JPRSC consensus date: 04/17/2013	__
benzaldehyde	100-52-7	40	4	50	NSF action level External peer review date: 09/20/2011	__
cyclohexanamine, N-methyl-	100-60-7	0.003	0.0003	0.01	TOE	__
Methoxybenzene	100-66-3	0.003	0.0003	0.01	TOE	__
pyridine, 2-ethyl-	100-71-0	0.003	0.0003	0.01	TOE	__
N-nitrosopiperidine	100-75-4	0.00005	0.000005	0.00005	NSF action level External peer review date: 10/17/2012	__
2,2-dimethyl-1,3-dioxolane-4-methanol	100-79-8	0.003	0.0003	0.01	TOE	__
benzene, 1-ethenyl-3-methyl-	100-80-1	0.003	0.0003	0.01	TOE	__
hexamethylenetetramine	100-97-0	0.003	0.0003	0.01	TOE	__
guanidine, 1,2,3-triphenyl-	101-01-9	0.003	0.0003	0.01	TOE	__
3-chlorodiphenylamine	101-17-7	0.003	0.0003	0.01	TOE	__
hydroxydiphenylamine, 3-	101-18-8	0.003	0.0003	0.01	TOE	__
triallyl cyanurate	101-37-1	0.003	0.0003	0.01	TOE	__
urea, 1,1-dimethyl-3-phenyl-	101-42-8	0.003	0.0003	0.01	TOE	__
phenylenediamine, n-phenyl-p-	101-54-2	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
4,4'-methylene bis (N,N'-dimethyl) aniline	101-61-1	0.008	0.0008	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 04/05/1989	—
diphenylamine, 4,4'-dioctyl-	101-67-7	0.003	0.0003	0.01	TOE	—
methylene diphenyl diisocyanate	101-68-8	0.003	0.0003	0.01	TOE	—
(isopropylamino)diphenylamine, 4-	101-72-4	0.003	0.0003	0.01	TOE	—
4,4'-methylene dianiline	101-77-9	0.0008	0.00008	0.0008	NSF action level External peer review date: 04/22/2009	—
1,1'-methylene-bis-benzene	101-81-5	0.003	0.0003	0.01	TOE	—
cyclohexanamine, N-cyclohexyl-	101-83-7	0.003	0.0003	0.01	TOE	—
benzene, 1,1-oxybis-	101-84-8	0.003	0.0003	0.01	TOE	—
ethylbenzene acetate	101-97-3	0.003	0.0003	0.01	TOE	—
benzenemethanamine, n-methyl-n-(phenylmethyl)-	102-05-6	0.003	0.0003	0.01	TOE	—
diphenyl guanidine, 1,3- (or n,n-)	102-06-7	0.003	0.0003	0.01	TOE	—
urea, 1,3-diphenyl-	102-07-8	0.003	0.0003	0.01	TOE	—
3,4-dichlorophenyl isocyanate	102-36-3	0.003	0.0003	0.01	TOE	—
triallylamine	102-70-5	0.003	0.0003	0.01	TOE	—
triethanolamine	102-71-6	3	0.3	20	NSF action level External peer review date: 10/10/2006	—
triacetin	102-76-1	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
benzothiazole, 2-(morpholinothio)-	102-77-2	0.003	0.0003	0.01	TOE	__
1-butanamine,N,N-dibutyl-	102-82-9	0.003	0.0003	0.01	TOE	__
ethylhexyl acetate, 2-	103-09-3	0.003	0.0003	0.01	TOE	__
di(2-ethylhexyl)adipate	103-23-1	0.4	0.04	__	40 CFR §141.60, 40 CFR §141.61	__
azobenzene	103-33-3	0.003	0.0003	__	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 02/03/1988	__
dibenzylamine	103-49-1	0.003	0.0003	0.01	TOE	__
dibenzyl ether	103-50-4	0.4	0.04	5	NSF action level External peer review date: 10/16/2012	__
aniline, N-ethyl-	103-69-5	0.003	0.0003	0.01	TOE	__
formamide, n-phenyl-	103-70-8	0.003	0.0003	0.01	TOE	__
phenyl isothiocyanate	103-72-0	0.003	0.0003	0.01	TOE	__
benzylamine, N,N-dimethyl-	103-83-3	0.003	0.0003	0.01	TOE	__
2,2'-p-phenylenedioxydiethanol	104-38-1	0.003	0.0003	0.01	TOE	__
propanal, 3-phenyl	104-53-0	0.003	0.0003	0.01	TOE	__
cinnamaldehyde	104-55-2	0.003	0.0003	0.01	TOE	__
dihydro-5-pentyl-2(3H)-furanone	104-61-0	0.003	0.0003	0.01	TOE	__
ethane, 1,2-diphenoxy-	104-66-5	0.003	0.0003	0.01	TOE	__
diethyleneglycol monophenyl ether	104-68-7	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
2-ethylhexanol	104-76-7	0.8	0.08	3	NSF action level External peer review date: 04/17/2008	—
benzaldehyde, 4-methyl-	104-87-0	0.003	0.0003	0.01	TOE	—
propanoic acid, ethyl ester	105-37-3	0.003	0.0003	0.01	TOE	—
acetal	105-57-7	0.01	0.01	0.01	NSF action level Issue date:	—
methyldiethanolamine, n-	105-59-9	0.003	0.0003	0.01	TOE	—
caprolactam	105-60-2	4	0.4	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 03/24/1988	—
2,4-dimethylphenol	105-67-9	0.1	0.01	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 02/21/1990	—
dibutylmaleate	105-76-0	0.05	0.05	0.05	UL action level JPRSC consensus date: 04/17/2013	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
octadecanoic acid, 2-(2-hydroxyethoxy)ethyl ester	106-11-6	0.003	0.0003	0.01	TOE	—
geraniol	106-24-1	0.003	0.0003	0.01	TOE	—
1,4-dibromobenzene	106-37-6	0.07	0.007	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 05/15/1986	—
benzene, 1-bromo-4-methyl	106-38-7	0.003	0.0003	0.01	TOE	—
bromophenol, 4-	106-41-2	0.003	0.0003	0.01	TOE	—
p-xylene	106-42-3	10 (total)	1 (total)	—	40 CFR §141.60, 40 CFR §141.61	Detections shall be summed with the following chemicals: CAS# 95-47-6 and CAS# 108-38-3
4-chlorotoluene	106-43-4	0.1	0.01	—	Based on the oral RfD and lifetime drinking water health advisory in the USEPA 2011 Edition of the Drinking Water Standards and Health Advisories	—
dichlorobenzene p-	106-46-7	0.075	0.0075	—	40 CFR §141.60, 40 CFR §141.61	—
para-toluidine	106-49-0	0.003	0.0003	0.01	TOE	—
benzenediamine, 1,4-	106-50-3	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
1-propanol, 2-(2-hydroxypropoxy)-isomer	106-62-7	0.003	0.0003	0.01	TOE	—
dimethyl succinate	106-65-0	0.01	0.01	0.01	NSF action level External peer review date: 04/22/2009	—
hexanoic acid, methyl ester	106-70-7	0.003	0.0003	0.01	TOE	—
decanedioic acid, dimethyl ester	106-79-6	0.003	0.0003	0.01	TOE	—
1,2-epoxybutane	106-88-7	0.06	0.006	0.06	NSF action level External peer review date: 04/22/2009	—
epichlorohydrin	106-89-8	0.04	0.004	—	USEPA Drinking Water Health Advisory 10^{-5}/10^{-6} cancer risk levels Issue date: 1987	—
epichlorohydrin (as a monomer in drinking water treatment polymers)	106-89-8	TT (0.01% dosed at 20 ppm, or equivalent)	TT (0.01% dosed at 20 ppm, or equivalent)	—	40 CFR §141.111, 40 CFR §141.110	TT = treatment technique
ethylene dibromide (EDB)	106-93-4	0.00005	0.000005	—	40 CFR §141.60, 40 CFR §141.61	—
1,3-butadiene	106-99-0	0.1	0.01	—	UL action level JPRSC consensus date: 04/17/2013	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
acrolein	107-02-8	0.004	0.0004	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency consensus date: 05/16/2003	—
dichloroethane (1,2-)	107-06-2	0.005	0.0005	—	40 CFR §141.60, 40 CFR §141.61	—
acrylonitrile	107-13-1	0.0006	0.00006	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. verification date: 02/11/1987	—
ethylenediamine	107-15-3	10	2	40	NSF action level External peer review date: 04/06/2005	—
ethylene glycol	107-21-1	10	1	_	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. verification date: 03/19/1987	—
2,4,4-trimethyl-2-pentylamine	107-45-9	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
tetradecamethylcycloheptasiloxane	107-50-6	0.003	0.0003	0.01	TOE	—
butylacrylamine, tert-	107-58-4	0.01	0.01	—	NSF action level Issue date:	—
pentane, 2-methyl	107-83-5	0.003	0.0003	0.01	TOE	—
butenoic acid, trans-2-	107-93-7	0.003	0.0003	0.01	TOE	—
butanoic acid	107-96-2	0.003	0.0003	0.01	TOE	—
propylene glycol monomethyl ether	107-98-2	0.05	0.05	—	NSF action level Issue date: 02/04/94	—
ethanol, 2-(dimethylamino)-	108-01-0	0.003	0.0003	0.01	TOE	—
vinyl acetate	108-05-4	0.02	0.002	—	NSF action level Issue date: 05/03/91	—
1,3-dimethyl-n-butylamine	108-09-8	0.003	0.0003	0.01	TOE	—
methyl isobutyl ketone (MIBK)	108-10-1	7	0.7	100	NSF action level External peer review date: 10/06/2005	—
acetic acid, 1-methylethyl ester	108-21-4	0.003	0.0003	0.01	TOE	—
maleic anhydride	108-31-6	0.7	0.07	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 03/24/1988	—
m-xylene	108-38-3	10 (total)	1 (total)	—	40 CFR §141.60, 40 CFR §141.61	Detections shall be summed with the following chemicals:

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
						CAS# 95-47-6 and CAS# 106-42-3
2-toluidine	108-44-1	0.003	0.0003	0.01	TOE	—
m-phenylenediamine	108-45-2	0.04	0.004	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 02/26/1986	—
pyridine, 2,4-dimethyl-	108-47-4	0.003	0.0003	0.01	TOE	—
pyridine, 2,6-dimethyl-	108-48-5	0.003	0.0003	0.01	TOE	—
pyridine, 2,4,6-trimethyl-	108-75-8	0.003	0.0003	0.01	TOE	—
melamine	108-78-1	3	0.3	3	NSF action level External peer review date: 04/14/1999	—
Bromobenzene	108-86-1	0.003	0.0003	0.01	TOE	—
cyclohexane, methyl-	108-87-2	0.003	0.0003	0.01	TOE	—
toluene	108-88-3	1	0.1	—	40 CFR §141.60, 40 CFR §141.61	—
pyridine, 4-methyl-	108-89-4	0.003	0.0003	0.01	TOE	—
monochlorobenzene	108-90-7	0.1	0.01	—	40 CFR §141.60, 40 CFR §141.61	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
cyclohexylamine	108-91-8	1	0.1	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 09/17/1987	—
cyclohexanol	108-93-0	0.003	0.0003	0.01	TOE	—
cyclohexanone	108-94-1	30	3	40	NSF action level External peer review date: 04/26/2002	—
phenol	108-95-2	2	0.2	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 08/28/2002	—
pyridine, 3-methyl-	108-99-6	0.003	0.0003	0.01	TOE	—
morpholine, methyl-	109-02-4	0.003	0.0003	0.01	TOE	—
pyridine, 2-methyl-	109-06-8	0.003	0.0003	0.01	TOE	—
pyrazine, 2-methyl-	109-08-0	0.003	0.0003	0.01	TOE	—
triethyleneglycol dimethacrylate	109-16-0	0.003	0.0003	0.01	TOE	—
tetraethyleneglycol dimethacrylate	109-17-1	0.003	0.0003	0.01	TOE	—
n-butyl-n-butyrate	109-21-7	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
n-pentanoic acid	109-52-4	0.003	0.0003	0.01	TOE	__
acetic acid, propyl ester	109-60-4	0.003	0.0003	0.01	TOE	__
butanenitrile	109-74-0	0.003	0.0003	0.01	TOE	__
3-hydroxypropane nitrile	109-78-4	0.01	0.01	__	NSF action level Issue date: 09/03/97	__
tetrahydrofuran	109-99-9	1	0.37	__	NSF action level Issue date: 01/26/96	__
dimethylhexane-2,5-diol, 2,5-	110-03-2	0.003	0.0003	0.01	TOE	__
di-t-butyl peroxide	110-05-4	0.01	0.01	0.01	NSF action level External peer review date: 10/03/2002	__
methyl isoamyl ketone (MIAK)	110-12-3	0.06	0.006	0.8	NSF action level External peer review date: 04/25/2002	__
hexane-2,5-dione	110-13-4	0.003	0.0003	0.01	TOE	__
butanedioic acid	110-15-6	0.003	0.0003	0.01	TOE	__
maleic acid	110-16-7	0.7	0.07	4	NSF action level Issue date:	__
decanoic acid, methyl ester	110-42-9	0.003	0.0003	0.01	TOE	__
hexane	110-54-3	0.003	0.0003	0.01	TOE	__
pentane, 1-amino	110-58-7	0.003	0.0003	0.01	TOE	__
pentanenitrile	110-59-8	0.003	0.0003	0.01	TOE	__
cyclohexene	110-83-8	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
pyridine	110-86-1	0.007	0.0007	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 08/13/1987	—
1,3,5-trioxane	110-88-3	0.7	0.07	3	NSF action level External peer review date: 04/20/04	—
piperidine	110-89-4	0.003	0.0003	0.01	TOE	—
squalene	111-02-4	0.003	0.0003	0.01	TOE	—
palmitic acid, n-butyl ester	111-06-8	0.003	0.0003	0.01	TOE	—
octanoate, methyl-	111-11-5	0.003	0.0003	0.01	TOE	—
heptanoic acid, n-	111-14-8	0.003	0.0003	0.01	TOE	—
ethylene glycol monoethyl ether acetate	111-15-9	0.003	0.0003	0.01	TOE	—
tetramethyl hexanediamine	111-18-2	0.003	0.0003	0.01	TOE	—
gutaraldehyde	111-30-8	0.003	0.0003	0.01	TOE	—
butyl isocyanate, n-	111-36-4	0.003	0.0003	0.01	TOE	—
diethylenetriamine	111-40-0	0.3	0.03	1	NSF action level External peer review date: 09/20/2011	—
diethanolamine	111-42-2	0.1	0.01	0.5	NSF action level External peer review date: 04/17/2007	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
bis(chloroethyl)ether	111-44-4	0.0003	0.00003	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 07/23/1986	—
ethyl octadecanoate	111-61-5	0.003	0.0003	0.01	TOE	—
heptyl aldehyde, n-	111-71-7	0.003	0.0003	0.01	TOE	—
ethylene glycol monobutyl ether	111-76-2	4	0.4	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 11/16/1999	—
methyl laurate	111-82-0	0.003	0.0003	0.01	TOE	—
dibutylamine	111-92-2	0.01	0.01	—	NSF action level Issue date: 08/19/95	—
propanenitrile, 3,3'-thiobis-	111-97-7	0.003	0.0003	0.01	TOE	—
nonanoic acid, n-	112-05-0	0.003	0.0003	0.01	TOE	—
butylglycol acetate	112-07-2	0.003	0.0003	0.01	TOE	—
2-undecanone	112-12-9	0.003	0.0003	0.01	TOE	—
2-(2-ethoxyethoxy) ethyl acetate	112-15-2	0.4	0.04	8	WQA action level External peer review date: 04/23/2014	—
dodecylamine, N,N-dimethyl-	112-18-5	0.003	0.0003	0.01	TOE	—
2-(hexyloxy)ethanol	112-25-4	0.003	0.0003	0.01	TOE	—
formic acid, octyl ester	112-32-4	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
diethylene glycol mono-n-butyl ether	112-34-5	0.6	0.06	8	NSF action level External peer review date: 10/05/2010	—
undecanoic acid	112-37-8	0.003	0.0003	0.01	TOE	—
methyl palmitate	112-39-0	0.003	0.0003	0.01	TOE	—
dodecanal	112-54-9	0.003	0.0003	0.01	TOE	—
1-dodecanethiol	112-55-0	0.003	0.0003	0.01	TOE	—
methyl stearate	112-61-8	0.003	0.0003	0.01	TOE	—
octadecenoic acid, 9(Z)-, methyl ester	112-62-9	0.003	0.0003	0.01	TOE	—
1-tridecanol	112-70-9	0.003	0.0003	0.01	TOE	—
docosenamide (erucamide)	112-84-5	0.003	0.0003	0.01	TOE	—
octadecene, 1-	112-88-9	0.003	0.0003	0.01	TOE	—
oleanitrile	112-91-4	0.003	0.0003	0.01	TOE	—
icosane	112-95-8	0.003	0.0003	0.01	TOE	—
dothiepin	113-53-1	0.003	0.0003	0.01	TOE	—
propene	115-07-1	0.003	0.0003	0.01	TOE	—
isobutylene	115-11-7	0.4	0.04	0.6	NSF action level External peer review date: 10/30/2013	—
2-methyl-3-buten-2-ol	115-18-4	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 05/10/2011	Detections shall be summed with the following chemicals: CAS# 763-32-6
3-hydroxy-3-methyl-2-butanone	115-22-0	0.003	0.0003	0.01	TOE	—
propanediol, 2-ethyl-2-butyl-1,3-	115-84-4	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
triphenylphosphate	115-86-6	0.003	0.0003	0.01	TOE	—
aldicarb	116-06-3	0.003	0.0003	—	40 CFR §141.60, 40 CFR §141.61	Total combined detections of CAS# 116-06-3, CAS# 1646-87-3 and CAS# 1646-88-4 shall not exceed 0.007 mg/L (TAC) or 0.0007 (SPAC)
hexafluoropropene	116-15-4	0.003	0.0003	0.01	TOE	—
di(2-ethylhexyl)phthalate (PAE)	117-81-7	0.006	0.0006	—	40 CFR §141.60, 40 CFR §141.61	—
n-ethyl-1-naphthalenamide	118-44-5	0.003	0.0003	0.01	TOE	—
1,3-dichloro-5,5-dimethylhydantoin	118-52-5	40	7	—	NSF action level External peer review date: 05/05/2010	—
hydroxymethylpyrone	118-71-8	0.003	0.0003	0.01	TOE	—
hexachlorobenzene	118-74-1	0.001	0.0001	—	40 CFR §141.60, 40 CFR §141.61	—
benzoic acid, o-methyl-	118-90-1	0.003	0.0003	0.01	TOE	—
2'-hydroxyacetophenone	118-93-4	0.003	0.0003	0.01	TOE	—
2,4,6-trinitrotoluene	118-96-7	0.01	0.001	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 09/22/1988	—
methyl salicylate	119-36-8	0.003	0.0003	0.01	TOE	—
methylene bis(4-methyl-6-tertbutyl-phenol), 2,2'	119-47-1	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
benzophenone	119-61-9	0.3	0.03	2	NSF action level External peer review date: 09/21/2011	—
anthracene	120-12-7	0.003	0.0003	0.01	TOE	—
ethylparaben	120-47-9	0.003	0.0003	0.01	TOE	—
benzoic acid, diester with diethylene glycol	120-55-8	0.003	0.0003	0.01	TOE	—
dimethyl terephthalate	120-61-6	3	0.3	3	NSF action level External peer review date: 04/23/2009	—
benzothiazole, 2-methyl-	120-75-2	0.003	0.0003	0.01	TOE	—
trichlorobenzene (1,2,4-)	120-82-1	0.07	0.007	—	40 CFR §141.60, 40 CFR §141.61	—
dichlorophenol, 2,4-	120-83-2	0.05	0.005	0.08	NSF action level External peer review date: 04/22/2014	—
cyclopentanone	120-92-3	0.003	0.0003	0.01	TOE	—
2,4-dinitrotoluene	121-14-2	0.0005 (total)	0.00005 (total)	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 05/03/1989	Detections shall be summed with the following chemicals: CAS# 606-20-2
benzaldehyde, 4-hydroxy-3-methoxy (Vanillin)	121-33-5	0.003	0.0003	0.01	TOE	—
triethylamine	121-44-8	0.003	0.0003	0.01	TOE	—
3-hydroxyacetophenone	121-71-1	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
malathion	121-75-5	0.19	0.019	—	Health Canada MAC Issue date: 02/86	—
isophthalic acid	121-91-5	0.01	0.01	—	NSF action level Issue date: 12/18/95	—
acetophenone, 4-methyl	122-00-9	0.003	0.0003	0.01	TOE	—
triisopropanolamine	122-20-3	0.003	0.0003	0.01	TOE	—
simazine	122-34-9	0.004	0.0004	—	40 CFR §141.60, 40 CFR §141.61	—
diphenylamine, 4-hydroxy-	122-37-2	0.003	0.0003	0.01	TOE	—
diphenylamine	122-39-4	0.2	0.02	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 07/22/1986	—
phenyl glycidyl ether	122-60-1	0.006	0.0006	0.1	NSF action level External peer review date: 10/03/2002	—
sebacate, bis(2-ethylhexyl)-	122-62-3	0.003	0.0003	0.01	TOE	—
1,2-diphenylhydrazine	122-66-7	0.0005	0.00005	_	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 10/29/1986	—
benzeneacetaldehyde	122-78-1	0.003	0.0003	0.01	TOE	—
ethanol, 2-phenoxy-	122-99-6	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
hexanal, 2-ethyl-	123-05-7	0.003	0.0003	0.01	TOE	__
4-methoxy-benzaldehyde	123-11-5	6	0.6	30	NSF action level External peer review date: 09/20/2011	__
succinic acid, diethyl ester	123-25-1	0.003	0.0003	0.01	TOE	__
hydroquinone	123-31-9	2	0.2	4	NSF action level External peer review date: 04/18/2013	__
diacetone alcohol	123-42-2	3	0.3	10	NSF action level External peer review date: 05/10/2011	__
acetone, acetyl	123-54-6	0.003	0.0003	0.01	TOE	__
trioxane, 1,3,5-trimethyl-	123-63-7	0.003	0.0003	0.01	TOE	__
pyrrolidine	123-75-1	0.003	0.0003	0.01	TOE	__
n-butyl acetate	123-86-4	1	0.1	20	NSF action level External peer review date: 04/25/2002	__
1,4-dioxane	123-91-1	0.03	0.003	_	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels Verification date: 02/03/1988	__
stearic acid, butyl ester	123-95-5	0.003	0.0003	0.01	TOE	__
adipic acid	124-04-9	30	3	100	NSF action level External peer review date: 04/06/2005	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
hexamethylene-diamine	124-09-4	10	1	20	NSF action level External peer review date: 04/06/2006	—
octanal	124-13-0	0.003	0.0003	0.01	TOE	—
butyl carbitol acetate	124-17-4	0.003	0.0003	0.01	TOE	—
nonanal	124-19-6	0.003	0.0003	0.01	TOE	—
dodecanamine, 1-	124-22-1	0.003	0.0003	0.01	TOE	—
tetradecanal	124-25-4	0.003	0.0003	0.01	TOE	—
octadecanamide	124-26-5	0.003	0.0003	0.01	TOE	—
dimethylamine	124-40-3	1.2	0.12	—	NSF action level Issue date: 11/06/98	—
chlorodibromomethane	124-48-1	0.080 (total)	0.080 (total)	—	40 CFR §141.64	Detections shall be summed with the following chemicals: CAS# 75-25-2, CAS# 75-25-4, and CAS# 67-66-3
2-amino-2-methylpropanol	124-68-5	0.003	0.0003	0.01	TOE	—
tetramethylene sulfone	126-33-0	0.003	0.0003	0.01	TOE	—
tributyl phosphate	126-73-8	0.2 (total)	0.02 (total)	0.3 (total)	NSF action level External peer review date: 10/10/2006	Detections shall be summed with the following chemicals: CAS# 75-25-2 and

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
						CAS# 513-08-6
tetramethyldec-5-yne-4,7-diol, 2,4,7,9-	126-86-3	0.003	0.0003	0.01	TOE	—
tetrachloroethylene	127-18-4	0.005	0.0005	—	40 CFR §141.60, 40 CFR §141.61	—
N,N-dimethyl-acetamide	127-19-5	2	0.2	2	NSF action level External peer review date: 10/05/2010	—
diphenyl sulfone	127-63-9	0.003	0.0003	0.01	TOE	—
2,6-di-t-butyl-4-methyl phenol	128-39-2	0.05	0.05	0.05	NSF action level External peer review date: 10/17/2012	—
pyrene	129-00-0	0.003	0.0003	0.01	TOE	—
dimethyl phthalate	131-11-3	0.003	0.0003	0.01	TOE	—
dihydroxybenzophenone	131-56-6	0.003	0.0003	0.01	TOE	—
captan	133-06-2	0.003	0.0003	0.01	TOE	—
methyl anthranilate	134-20-3	0.003	0.0003	0.01	TOE	—
diphenylethanedione, 1,2-	134-81-6	0.003	0.0003	0.01	TOE	—
benzaldehyde, 3,5-dimethoxy-4-hydroxy-	134-96-3	0.003	0.0003	0.01	TOE	—
naphthylenamine, N-phenyl-2-	135-88-6	0.003	0.0003	0.01	TOE	—
phenylbutane, 2-	135-98-8	0.003	0.0003	0.01	TOE	—
dimethyl-p-benzoquinone, 2,5-	137-18-8	0.003	0.0003	0.01	TOE	—
acetamide, 2-(diethylamino)-N-(2,6-dimethylphenyl)-	137-58-6	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
2-hydroxy-propanoic acid, butyl ester	138-22-7	0.003	0.0003	0.01	TOE	—
nitrilotriacetic acid	139-13-9	0.4	0.04	—	Health Canada MAC Issue date: 01/90	—
diphenyl sulfide	139-66-2	0.003	0.0003	0.01	TOE	—
benzyl acetate	140-11-4	0.003	0.0003	0.01	TOE	—
piperazine, 1-(2-aminoethyl)-	140-31-8	0.003	0.0003	0.01	TOE	—
ethyl acrylate	140-88-5	0.01	0.001	—	NSF action level Issue date: 01/28/92	—
furaric acid, bis(2-ethylhexyl) ester	141-02-6	0.003	0.0003	0.01	TOE	—
bis(2-(2-butoxyethoxy)ethyl) adipate	141-17-3	0.6	0.06	8	NSF action level JPRSC consensus date: 10/29/2013	—
bis(2-butoxyethyl) adipate	141-18-4	0.7	0.07	0.7	NSF action level JPRSC consensus date: 10/29/2013	—
butyl acrylate	141-32-2	0.01	0.01	—	NSF action level Issue date: 12/13/95	—
ethanolamine	141-43-5	0.3	0.03	4	NSF action level External peer review date: 04/17/2007	—
ethyl acetoacetate	141-97-9	0.003	0.0003	0.01	TOE	—
glyceryl monolaurate	142-18-7	0.003	0.0003	0.01	TOE	—
hexyne-2,5-diol, 2,5-dimethyl-3-	142-30-3	0.003	0.0003	0.01	TOE	—
hexanoic acid, n-	142-62-1	0.003	0.0003	0.01	TOE	—
oleate, n-butyl-	142-77-8	0.003	0.0003	0.01	TOE	—
methacrylate, lauryl-	142-90-5	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
palmitate, isopropyl-	142-91-6	0.003	0.0003	0.01	TOE	—
n-dodecanoic acid	143-07-7	0.5	0.5	—	NSF action level JPRSC consensus date: 10/29/2013	—
tetraethylene glycol dimethyl ether	143-24-8	0.003	0.0003	0.01	TOE	—
pentanediol, 2,2,4-trimethyl-1,3-	144-19-4	0.4 (total)	0.04 (total)	5 (total)	NSF action level External peer review date: 05/10/2011	Detections shall be summed with the following chemicals: CAS# 77-68-9, CAS# 6846-50-0, CAS# 25265-77-4, CAS# 74367-33-2 and CAS# 74367-34-3
endothall	145-73-3	0.1	0.01	—	40 CFR §141.60, 40 CFR §141.61	—
sodium diethyldithiocarbamate	148-18-5	0.2	0.02	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 10/09/1985	—
vanillin, o-	148-53-8	0.003	0.0003	0.01	TOE	—
thiabendazole	148-79-8	0.003	0.0003	0.01	TOE	—
2-mercaptobenzothiazole	149-30-4	0.04	0.004	—	NSF action level Issue date: 11/05/93	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
2-ethylhexanoic acid	149-57-5	0.7	0.7	10	NSF action level External peer review date: 04/06/2005	—
sodium dodecyl sulfate	151-21-3		0.01	—	NSF action level Issue date:	—
dichloroethylene (cis-1,2-)	156-59-2	0.07	0.007	—	40 CFR §141.60, 40 CFR §141.61	—
dichloroethylene (trans-1,2)	156-60-5	0.1	0.01	—	40 CFR §141.60, 40 CFR §141.61	—
1,4-dioxaspiro(4,5)decane	177-10-6	0.003	0.0003	0.01	TOE	—
fluoranthene	206-44-0	0.003	0.0003	0.01	TOE	—
acenaphthylene	208-96-8	0.003	0.0003	0.01	TOE	—
benzo(b)naphtha(2,1-d)furan	239-30-5	0.003	0.0003	0.01	TOE	—
5H-indeno(1,2-b)pyridine	244-99-5	0.003	0.0003	0.01	TOE	—
acridine	260-94-6	0.003	0.0003	0.01	TOE	—
benzotropilidene, 3,4-	264-09-5	0.003	0.0003	0.01	TOE	—
1,2-benzisothiazole	272-16-2	0.003	0.0003	0.01	TOE	—
triethylene diamine	280-57-9	0.003	0.0003	0.01	TOE	—
cyclohexene oxide	286-20-4	0.01	0.01	0.01	NSF action level External peer review date: 10/30/2013	—
trithiane	291-21-4	0.003	0.0003	0.01	TOE	—
cyclododecane	294-62-2	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
1,6,11-trioxacyclopentadecane	295-63-6	3 (total)	0.4 (total)	3 (total)	NSF action level External peer review date: 10/04/2002	Detections shall be summed with the following chemicals: CAS# 17043-02-6, CAS# 56890-57-4, and CAS# 64001-05-4
Cyclohexadecane	295-65-8	0.003	0.0003	0.01	TOE	—
phorate	298-02-2	0.002	0.0002	—	Health Canada MAC Issue date: 02/86	—
benzene, 2-propenyl-	300-57-2	0.003	0.0003	0.01	TOE	—
amphetamine	300-62-9	0.003	0.0003	0.01	TOE	—
octadecenamide	301-02-0	0.003	0.0003	0.01	TOE	—
hydrazine	302-01-2	0.0001 (total)	0.00001 (total)	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 06/03/1987	Detections shall be summed with the following chemicals: CAS# 10034-93-2
chloral hydrate	302-17-0	0.7	0.07	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency Consensus Date: 11/16/1999	—
aldrin	309-00-2	0.0007 (total)	0.00007 (total)	—	Health Canada MAC Issue date: 10/94	Detections shall be summed with the following chemicals: CAS# 60-57-1
tacrine	321-64-2	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
diuron	330-54-1	0.15	0.015	—	Health Canada MAC Issue date: 03/87	—
potassium thiocyanate	333-20-0	0.2 (total as SCN)	0.02 (total as SCN)	0.9 (total as SCN)	NSF action level External peer review date: 09/03/2003	Detections shall be summed with the following chemicals: CAS# 540-72-7 and CAS# 1762-95-4
diazinon	333-41-5	0.02	0.002	—	Health Canada MAC Issue date: 02/86	—
n-decanoic acid	334-48-5	0.5	0.5	—	NSF action level JPRSC consensus date: 10/29/2013	—
perfluorooctanoic acid	335-67-1	0.003	0.0003	0.01	TOE	—
benzene, 1-chloro-2-fluoro-	348-51-6	0.003	0.0003	0.01	TOE	—
1,1,2,3,3,4,4,5,5,6,6,7,7,7-tetradecafluoro-1-heptene	355-63-5	0.003	0.0003	0.01	TOE	—
acetic acid, 2-cyano-	372-09-8	0.003	0.0003	0.01	TOE	—
silane, fluorotrimethyl-	420-56-4	0.003	0.0003	0.01	TOE	—
piperidine, 2-propyl-	458-88-8	0.003	0.0003	0.01	TOE	—
cyanoguanidine	461-58-5	0.003	0.0003	0.01	TOE	—
carbonyl sulfide	463-58-1	0.003	0.0003	0.01	TOE	—
hemanthamine	466-75-1	0.003	0.0003	0.01	TOE	—
p-menthan-4-ol	470-65-5	0.003	0.0003	0.01	TOE	—
pinanol	473-54-1	0.003	0.0003	0.01	TOE	—
ethyl hydroxyphthalide	485-26-7	0.003	0.0003	0.01	TOE	—
fluorenone	486-25-9	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
benzaldehyde, 2,4,6-trimethyl-	487-68-3	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 10/30/2013	Detections shall be summed with the following chemicals: CAS# 5779-72-6
phenol, 2,6-di-t-butyl-4-methoxy-	489-01-0	0.003	0.0003	0.01	TOE	—
cyanostyrene, a	495-10-3	0.003	0.0003	0.01	TOE	—
diphenyl butanedione	495-71-6	0.003	0.0003	0.01	TOE	—
indene, 2,3-dihydro- also (2,3-dihydro-1H-)	496-11-7	0.003	0.0003	0.01	TOE	—
dihydrobenzofuran, 2,3-	496-16-2	0.003	0.0003	0.01	TOE	—
4'-hydroxy-3'-methoxyacetophenone	498-02-2	0.003	0.0003	0.01	TOE	—
L-cysteic acid	498-40-8	0.003	0.0003	0.01	TOE	—
2-methyl-5-(1-methylethyl)-phenol	499-75-2	0.003	0.0003	0.01	TOE	—
phenol, 4-(2-propenyl)-	501-92-8	0.003	0.0003	0.01	TOE	—
caprolactone	502-44-3	0.003	0.0003	0.01	TOE	—
hexadecanoic Acid, 2-hydroxy-1,3-propanediyl ester	502-52-3	0.003	0.0003	0.01	TOE	—
isocrotonic acid	503-64-0	0.003	0.0003	0.01	TOE	—
phorone	504-20-1	0.003	0.0003	0.01	TOE	—
tetrahydropyridine, 2,3,4,5-	505-18-0	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
1,4-dithiane	505-29-3	0.07	0.007	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 06/24/1992	—
1-tetracosanol	506-51-4	0.003	0.0003	0.01	TOE	—
butene, 2,3-dichloro-2-methyl-	507-45-9	0.003	0.0003	0.01	TOE	—
borneol	507-70-0	0.003	0.0003	0.01	TOE	—
chlorobenzilate	510-15-6	0.1	0.01	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 05/17/1989	—
fenchyl alcohol, alpha-	512-13-0	0.003	0.0003	0.01	TOE	—
tripropyl phosphate	513-08-6	0.2 (total)	0.02 (total)	0.3 (total)	NSF action level External peer review date: 10/10/2006	Detections shall be summed with the following chemicals: CAS# 75-25-2 and CAS# 126-73-8
ferruginol	514-62-5	0.003	0.0003	0.01	TOE	—
benzoquinone, 2,6-dimethyl-1,4-	517-61-7	0.003	0.0003	0.01	TOE	—
dehydroacetic acid	520-45-6	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
dihydromethoxymethyl oxopyridinecarbonitrile	524-40-3	0.003	0.0003	0.01	TOE	—
benzenetricarboxylic acid, 1,2,4-	528-44-9	0.003	0.0003	0.01	TOE	—
benzaldehyde, 2-methyl-	529-20-4	0.003	0.0003	0.01	TOE	—
cyclohexanone, 2-hydroxy	533-60-8	0.003	0.0003	0.01	TOE	—
2-methylfuran	534-22-5	0.003	0.0003	0.01	TOE	—
benzenemethanol, 4-(1-methylethyl)-	536-60-7	0.003	0.0003	0.01	TOE	—
benzyl ethyl ether	539-30-0	0.003	0.0003	0.01	TOE	—
sodium thiocyanate	540-72-7	0.2 (total as SCN)	0.02 (total as SCN)	0.9 (total as SCN)	NSF action level External peer review date: 09/03/2003	Detections shall be summed with the following chemicals: CAS# 333-20-0 and CAS# 1762-95-4
t-butyl acetate	540-88-5	0.6	0.06	2	NSF action level External peer review date: 04/17/2007	—
dodecamethylcyclohexasiloxane	540-97-6	0.003	0.0003	0.01	TOE	—
decamethylcyclopentasiloxane	541-02-6	0.003	0.0003	0.01	TOE	—
butanamide	541-35-5	0.003	0.0003	0.01	TOE	—
dichlorobenzene m-	541-73-1	0.6	0.06	—	40 CFR §141.60, 40 CFR §141.61	see o-dichlorobenzene (CAS# 95-50-1)
2H-pyran-2-one, tetrahydro-	542-28-9	0.003	0.0003	0.01	TOE	—
bis(chloromethyl)ether	542-88-1	0.000002	0.0000002	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 05/04/1988	—
octodrine	543-82-8	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
pinocampheol (also pinocamphone)	547-60-4	0.003	0.0003	0.01	TOE	—
tropic acid	552-63-6	0.003	0.0003	0.01	TOE	—
3-methyl-2-buten-1-ol	556-82-1	0.2	0.02	0.7	NSF action level External peer review date: 05/10/2011	—
nitroguanidine	556-88-7	0.7	0.07	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 05/17/1989	—
allyl ether	557-40-4	0.003	0.0003	0.01	TOE	—
vinyl alcohol	557-75-5	0.003	0.0003	0.01	TOE	—
1,1-dichloropropene	563-58-6	0.003	0.0003	0.01	TOE	—
isobutyramide	563-83-7	0.003	0.0003	0.01	TOE	—
naphthalene, 1,8-dimethyl-	569-41-5	0.003	0.0003	0.01	TOE	—
naphthalene, 1,4-dimethyl-	571-58-4	0.003	0.0003	0.01	TOE	—
naphthalene, 1,5-dimethyl-	571-61-9	0.003	0.0003	0.01	TOE	—
naphthalene, 1,2-dimethyl-	573-98-8	0.003	0.0003	0.01	TOE	—
naphthalene, 1,7-dimethyl-	575-37-1	0.003	0.0003	0.01	TOE	—
naphthalene, 1,3-dimethyl-	575-41-7	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
2,6-dimethylphenol	576-26-1	0.004	0.0004	—	Derived from the oral RfD on the USEPA IRIS database with an default 20% relative source contribution for drinking water. verification date: 01/22/1986	—
acetophenone, 2'-methyl-	577-16-2	0.003	0.0003	0.01	TOE	—
aniline, 2-ethyl-	578-54-1	0.003	0.0003	0.01	TOE	—
aniline, 2,6-diethyl-	579-66-8	0.003	0.0003	0.01	TOE	—
naphthalene, 2,3-dimethyl-	581-40-8	0.003	0.0003	0.01	TOE	—
naphthalene, 2,6-dimethyl-	581-42-0	0.003	0.0003	0.01	TOE	—
naphthalene, 2,7-dimethy-l	582-16-1	0.003	0.0003	0.01	TOE	—
acetophenone, alpha-hydroxy-	582-24-1	0.003	0.0003	0.01	TOE	—
pentanedione, 1-phenyl-1,4-	583-05-1	0.003	0.0003	0.01	TOE	—
pyridine, 3,4-dimethyl-	583-58-4	0.003	0.0003	0.01	TOE	—
pyridine, 2,3-dimethyl-	583-61-9	0.003	0.0003	0.01	TOE	—
acetophenone, 3'-methyl-	585-74-0	0.003	0.0003	0.01	TOE	—
aniline, 3-ethyl-	587-02-0	0.003	0.0003	0.01	TOE	—
lanthanum carbonate	587-26-8	4	0.4	4	NSF action level External peer review date: 10/29/2009	—
benzaldehyde azine	588-68-1	0.003	0.0003	0.01	TOE	—
aniline, 4-ethyl-	589-16-2	0.003	0.0003	0.01	TOE	—
pyridine, 2,5-dimethyl-	589-93-5	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
bromophenol, 3-	591-20-8	0.003	0.0003	0.01	TOE	—
pyridine, 3,5-dimethyl-	591-22-0	0.003	0.0003	0.01	TOE	—
cyclohexanol, 3-methyl-	591-23-1	0.003	0.0003	0.01	TOE	—
hexane, 2,5-dimethyl-	592-13-2	0.003	0.0003	0.01	TOE	—
hexamethylene oxide	592-90-5	0.003	0.0003	0.01	TOE	—
octadecane, n-	593-45-3	0.003	0.0003	0.01	TOE	—
heptacosane	593-49-7	0.003	0.0003	0.01	TOE	—
chloroiodomethane	593-71-5	0.003	0.0003	0.01	TOE	—
2,3-dibromo-2-methylbutane	594-51-4	0.003	0.0003	0.01	TOE	—
manool	596-85-0	0.003	0.0003	0.01	TOE	—
propanal, 2,2-dimethyl-3-hydroxy-	597-31-9	0.003	0.0003	0.01	TOE	—
triethylsilanol	597-52-4	0.003	0.0003	0.01	TOE	—
acetamide, 2,2-dibromo-	598-70-9	0.003	0.0003	0.01	TOE	—
phenol, p-(alpha, alpha-dimethylbenzyl)-	599-64-4	0.003	0.0003	0.01	TOE	—
sulfonylbis(4-methyl)-benzene, 1,'	599-66-6	0.003	0.0003	0.01	TOE	—
triphenyl stibine	603-36-1	0.003	0.0003	0.01	TOE	—
2,6-dinitrotoluene	606-20-2	0.0005 (total)	0.00005 (total)	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 05/03/1989	Detections shall be summed with the following chemicals: CAS# 121-14-2
1-(phenylmethoxy)-naphthalene	607-58-9	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
2,6-dichloro-1,4-benzenediamine	609-20-1	0.02	0.002	0.02	NSF action level External peer review date: 04/22/2009	—
n,n-dimethyl-o-toluidine	609-72-3	0.003	0.0003	0.01	TOE	—
benzene, 1-ethenyl-2-methyl-	611-15-4	0.003	0.0003	0.01	TOE	—
9,10-dihydroanthracene	613-31-0	0.003	0.0003	0.01	TOE	—
toluidine, N,N-diethyl-p-	613-48-9	0.003	0.0003	0.01	TOE	—
1,2-benzenediacetonitrile	613-73-0	0.003	0.0003	0.01	TOE	—
1-isocyanto-2-methylbenzene	614-68-6	0.003	0.0003	0.01	TOE	—
benzothiazole, 2-(methylmercapto)-	615-22-5	0.003	0.0003	0.01	TOE	—
1,2,4-tribromobenzene	615-54-3	0.04	0.004	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 05/15/1986	—
2-chloro-1,4-benzenediamine	615-66-7	0.3	0.03	0.5	NSF action level External peer review date: 04/20/2004	—
2,3-dichloro-1-propanol	616-23-9	0.03 (total)	0.009 (total)	—	NSF action level Issue date: 5/97	Detections shall be summed with the following chemicals: CAS# 96-23-1
cyanamide, diethyl-	617-83-4	0.003	0.0003	0.01	TOE	—
formamide, N,N-diethyl-	617-84-5	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
2-phenyl-2-propanol	617-94-7	0.3	0.03	1	NSF action level Issue date: 08/11/2004	—
furfural, 5-methyl	620-02-0	0.003	0.0003	0.01	TOE	—
benzaldehyde, 3-methyl-	620-23-5	0.003	0.0003	0.01	TOE	—
phenyl-(m-tolyl)-methane	620-47-3	0.003	0.0003	0.01	TOE	—
1-methyl-4-(phenylmethyl)-benzene	620-83-7	0.003	0.0003	0.01	TOE	—
4,4'-methylenediphenol	620-92-8	0.003	0.0003	0.01	TOE	—
isovanillin	621-59-0	0.003	0.0003	0.01	TOE	—
N-nitroso-di-N-propylamine	621-64-7	0.00005	0.000005	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 02/11/87	—
benzene, (2-chloroethenyl)-	622-25-3	0.003	0.0003	0.01	TOE	—
4-morpholineethanol	622-40-2	0.003	0.0003	0.01	TOE	—
phenol, 4-ethoxy-	622-62-8	0.003	0.0003	0.01	TOE	—
benzene, 1-ethenyl-4-methyl-	622-97-9	0.003	0.0003	0.01	TOE	—
urea, N,N',N'-trimethyl-	623-14-4	0.003	0.0003	0.01	TOE	—
1,4-benzenedicarbonitrile	623-26-7	0.003	0.0003	0.01	TOE	—
diethylurea, 1,3-	623-76-7	0.003	0.0003	0.01	TOE	—
fumaric acid, diethyl ester	623-91-6	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
octadien-1-ol, 3,7-dimethyl-2,6-	624-15-7	0.003	0.0003	0.01	TOE	—
disulfide, dimethyl	624-92-0	0.003	0.0003	0.01	TOE	—
butenoic acid, 3-	625-38-7	0.003	0.0003	0.01	TOE	—
1,3-benzenedicarbonitrile	626-17-5	0.003	0.0003	0.01	TOE	—
methylpiperidine,1-	626-67-5	0.003	0.0003	0.01	TOE	—
adipic acid, monomethyl ester	627-91-8	0.003	0.0003	0.01	TOE	—
dimethyl adipate	627-93-0	0.003	0.0003	0.01	TOE	—
diglycol chlorohydrin	628-89-7	0.003	0.0003	0.01	TOE	—
ethane, 1,2-diethoxy	629-14-1	0.003	0.0003	0.01	TOE	—
hexadecanamide	629-54-9	0.003	0.0003	0.01	TOE	—
hexadecene-1	629-73-2	0.003	0.0003	0.01	TOE	—
heptadecane	629-78-7	0.003	0.0003	0.01	TOE	—
nonadecane	629-92-5	0.003	0.0003	0.01	TOE	—
heneicosane	629-94-7	0.003	0.0003	0.01	TOE	—
docosane	629-97-0	0.003	0.0003	0.01	TOE	—
pentacosane	629-99-2	0.003	0.0003	0.01	TOE	—
hexacosane	630-01-3	0.003	0.0003	0.01	TOE	—
octacosane	630-02-4	0.003	0.0003	0.01	TOE	—
nonacosane	630-03-5	0.003	0.0003	0.01	TOE	—
1,1,1,2-tetrachloroethane	630-20-6	0.01	0.001	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. verification date: 05/04/1988	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
dibromoacetic acid	631-64-1	0.060 (total)	0.0060 (total)	0.060 (total)	40 CFR §141.64	Detections shall be summed with the following chemicals: CAS# 79-08-3, CAS# 76-03-9, CAS# 79-11-8, and CAS# 79-43-6. Dichloroacetic acid (CAS# 79-43-6) must also be evaluated under its separate pass/fail criteria (TAC = 0.007 mg/L, SPAC = 0.0007 mg/L)
dimethyl thioacetamide	631-67-4	0.003	0.0003	0.01	TOE	—
tetramethyl urea	632-22-4	0.003	0.0003	0.01	TOE	—
trichloroaniline, 2,3,4-	634-67-3	0.003	0.0003	0.01	TOE	—
phenyl butanedioic acid	635-51-8	0.003	0.0003	0.01	TOE	—
trichloroaniline, 2,4,5-	636-30-6	0.003	0.0003	0.01	TOE	—
benzene, 1-propenyl-	637-50-3	0.003	0.0003	0.01	TOE	—
ethyl t-butyl ether	637-92-3	20	2	20	NSF action level External peer review date: 10/06/2010	—
2,6,10,14-tetramethylhexadecane	638-36-8	0.003	0.0003	0.01	TOE	—
tetradecanamide	638-58-4	0.003	0.0003	0.01	TOE	—
tricosane, also (n-tricosane)	638-67-5	0.003	0.0003	0.01	TOE	—
n-triacontane	638-68-6	0.7	0.07	—	NSF action level Issue date: 06/10/99	—
benzenesulfonamide, n,4-dimethyl-	640-61-9	0.003	0.0003	0.01	TOE	—
1,1'-biphenyl, 3-methyl-	643-93-6	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
acetophenone, p-isopropyl-	645-13-6	0.003	0.0003	0.01	TOE	__
benzenepropanenitrile	645-59-0	0.003	0.0003	0.01	TOE	__
ethylhex-2-en-1-al, 2-	645-62-5	0.003	0.0003	0.01	TOE	__
lauric anhydride	645-66-9	0.003	0.0003	0.01	TOE	__
decane, 1,10-diamino	646-25-3	0.003	0.0003	0.01	TOE	__
tetracosane	646-31-1	0.003	0.0003	0.01	TOE	__
imidazole, methylphenyl-	670-91-7	0.003	0.0003	0.01	TOE	__
benzaldehyde, 2-hydroxy-4-methoxy	673-22-3	0.003	0.0003	0.01	TOE	__
piperidone, 2-	675-20-7	0.003	0.0003	0.01	TOE	__
penten-2-one, 3,4-dimethyl-3-	684-94-6	0.003	0.0003	0.01	TOE	__
carbodiimide, di-t-butyl-	691-24-7	0.003	0.0003	0.01	TOE	__
dodecanedioic acid	693-23-2	30	30	30	NSF action level External peer review date: 10/07/2005	__
aminoundecanoic acid, 12-	693-57-2	0.003	0.0003	0.01	TOE	__
trans-13-octadecanoic acid	693-71-0	0.003	0.0003	0.01	TOE	__
bicyclo[4.2.0]octa-1,3,5-triene	694-87-1	0.003	0.0003	0.01	TOE	__
pyridine, 2,3,5-trimethyl-	695-98-7	0.003	0.0003	0.01	TOE	__
2-hydroxy-4-methylbenzaldehyde	698-27-1	0.003	0.0003	0.01	TOE	__
2H-pyran-2-one, tetrahydro-6-propyl	698-76-0	0.003	0.0003	0.01	TOE	__
benzene, pentamethyl-	700-12-9	0.003	0.0003	0.01	TOE	__
benzylidenebenzylamine	708-25-6	0.003	0.0003	0.01	TOE	__
benzoquinone, 2,6-di-t-butyl-	719-22-2	0.003	0.0003	0.01	TOE	__
2,6-di-tert-butyl-4-nitrophenol	728-40-5	0.003	0.0003	0.01	TOE	__
formamide, N,N-dimethylthio-	758-16-7	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
dimethylpropanamide	758-96-3	0.003	0.0003	0.01	TOE	__
formamide, N,N-di-n-butyl-	761-65-9	0.003	0.0003	0.01	TOE	__
2-methyl-1-pentene	763-29-1	0.003	0.0003	0.01	TOE	__
3-methyl-3-buten-1-ol	763-32-6	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 05/10/2011	Detections shall be summed with the following chemicals: CAS# 115-18-4
propanoic acid, 3-ethoxy-, ethyl ester	763-69-9	0.003	0.0003	0.01	TOE	__
2,4-dimethyl-1,3-dioxane	766-20-1	0.003	0.0003	0.01	TOE	__
maleic anhydride, 2,3-dimethyl-	766-39-2	0.003	0.0003	0.01	TOE	__
formamide, N-cyclohexyl-	766-93-8	0.003	0.0003	0.01	TOE	__
indene, 1H-, 2,3-dihydro-1-methyl-	767-58-8	0.003	0.0003	0.01	TOE	__
3-oxo-3-phenylpropene	768-03-6	0.003	0.0003	0.01	TOE	__
n-phenylisopropylamine	768-52-5	0.003	0.0003	0.01	TOE	__
piperidene, 2,2,6,6-tetramethyl-	768-66-1	0.003	0.0003	0.01	TOE	__
4-tert-butylaniline	769-92-6	0.003	0.0003	0.01	TOE	__
propanol, 1-phenoxy 2-	770-35-4	0.003	0.0003	0.01	TOE	__
dioxane, 4-phenyl-1,3-	772-00-9	0.003	0.0003	0.01	TOE	__
dioxacyclododecane-7,12-dione, 1,6-	777-95-7	0.003	0.0003	0.01	TOE	__
toluenesulfonic acid, p-, butyl ester	778-28-9	0.003	0.0003	0.01	TOE	__
alpha-(phenylimino)-ortho-cresol	779-84-0	0.003	0.0003	0.01	TOE	__
benzenemethanamine, N-(phenylmethylene)-	780-25-6	0.003	0.0003	0.01	TOE	__
triphenylphosphine oxide	791-28-6	0.003	0.0003	0.01	TOE	__
phenylene diamine, n-(1,3-dimethylbutyl)-n'-phenyl-p-	793-24-8	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
tributylphosphine oxide	814-29-9	0.003	0.0003	0.01	TOE	—
hexanoic acid, 2-ethyl-, methyl ester	816-19-3	0.003	0.0003	0.01	TOE	—
hex-5-en-1-ol	821-41-0	0.003	0.0003	0.01	TOE	—
dithiolane-2-thione, 1,3-	822-38-8	0.003	0.0003	0.01	TOE	—
toluene, 2,6-diamino-	823-40-5	0.003	0.0003	0.01	TOE	—
indene, 1H-, 2,3-dihydro-4-methyl-	824-22-6	0.003	0.0003	0.01	TOE	—
cyclopentylidenecyclopentan-2-one	825-25-2	0.003	0.0003	0.01	TOE	—
2,2,6,6-tetramethyl-4-piperidinone	826-36-8	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 05/10/2011	Detections shall be summed with the following chemicals: CAS# 2403-88-5
cyclododecanone	830-13-7	0.05 (total)	0.05 (total)	4 (total))	NSF action level External peer review date: 04/22/2014	Detections shall be summed with the following chemicals: CAS# 1724-39-6 and CAS# 58567-11-6
p-hydroxybenzhydrol	833-39-6	0.01	0.01	0.01	NSF action level External peer review date: 04/18/2013	—
methacrylic acid, 2-hydroxyethyl ester	868-77-9	0.003	0.0003	0.01	TOE	—
N-butyl formamide	871-71-6	0.003	0.0003	0.01	TOE	—
N-methyl-2-pyrrolidone	872-50-4	1	0.1	—	NSF action level Issue date: 06/17/93	—
benzene, cyclopropyl-	873-49-4	0.003	0.0003	0.01	TOE	—
benzene, trans-1-propenyl-	873-66-5	0.003	0.0003	0.01	TOE	—
indene, 1H-, 2,3-dihydro-5-methyl-	874-35-1	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
xylenol, 4-tert-butyl-2,6-	879-97-0	0.003	0.0003	0.01	TOE	—
alpha-benzene-succinic acid	884-33-3	0.003	0.0003	0.01	TOE	—
1,1,1-trichloro-2-propanone	918-00-3	0.003	0.0003	0.01	TOE	—
silane, gamma-aminopropyl triethoxy-	919-30-2	0.003	0.0003	0.01	TOE	—
butane, 2-ethoxy-2-methyl-	919-94-8	0.003	0.0003	0.01	TOE	—
hydroxypropyl methacrylate, 2-	923-26-2	0.003	0.0003	0.01	TOE	—
N-nitroso-di-n-butylamine	924-16-3	0.00006	0.000006	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 10/29/1986	—
hex-2-en-1-ol, cis-	928-94-9	0.003	0.0003	0.01	TOE	—
hex-2-en-1-ol, trans-	928-95-0	0.003	0.0003	0.01	TOE	—
N-nitrosopyrrolidine	930-55-2	0.0002	0.00002	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 10/14/86	—
benzothiazolinone, 2-	934-34-9	0.003	0.0003	0.01	TOE	—
benzene, (1-methoxy-1-methylethyl)-	935-67-1	0.003	0.0003	0.01	TOE	—
phenyl-1-buten-4-ol, 4-	936-58-3	0.003	0.0003	0.01	TOE	—
1-(4-ethylphenyl)-ethanone	937-30-4	0.003	0.0003	0.01	TOE	—
naphthalene, 2-ethyl-	939-27-5	0.003	0.0003	0.01	TOE	—
4,6,8-trimethylazulene	941-81-1	0.003	0.0003	0.01	TOE	—
1-hexanone, 1-phenyl	942-92-7	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
laurolactam	947-04-6	0.4	0.04	2	NSF action level External peer review date: 10/15/2008	—
butanone, 1-phenyl-2-	1007-32-5	0.003	0.0003	0.01	TOE	—
phenylene) bis-ethanone, 1,1'-(1,4-	1009-61-6	0.003	0.0003	0.01	TOE	—
1,3-bis(1,1-dimethylethyl)benzene	1014-60-4	0.003	0.0003	0.01	TOE	—
heptachlor epoxide	1024-57-3	0.0002	0.00002	—	40 CFR §141.60, 40 CFR §141.61	—
triallyl isocyanurate	1025-15-6	0.04	0.04	0.04	NSF action level External peer review date: 05/06/2010	—
butanoic acid, 3,3-dimethyl-	1070-83-3	0.003	0.0003	0.01	TOE	—
methane, di-t-butyl-	1070-87-7	0.003	0.0003	0.01	TOE	—
glyphosate	1071-83-6	0.7	0.07	—	40 CFR §141.60, 40 CFR §141.61	—
benzene (1,2-dichloroethyl)-	1074-11-9	0.003	0.0003	0.01	TOE	—
1-methyl-4-propyl-benzene	1074-55-1	0.003	0.0003	0.01	TOE	—
diethylmethyl borane	1115-07-7	0.003	0.0003	0.01	TOE	—
butenal, methyl-	1115-11-3	0.003	0.0003	0.01	TOE	—
N-nitrosodiethanolamine	1116-54-7	0.0001	0.00001	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 01/28/1987	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
dimethyl glutarate	1119-40-0	0.01	0.01	0.01	NSF action level External peer review date: 04/22/2009	—
1,2-decanediol	1119-86-5	0.003	0.0003	0.01	TOE	—
dodecanamide	1120-16-7	0.003	0.0003	0.01	TOE	—
tetradecane	1120-36-1	0.003	0.0003	0.01	TOE	—
2,3-dimethyl-2-cyclopentene-1-one	1121-05-7	0.003	0.0003	0.01	TOE	—
dimethylaminopyridine	1122-58-3	0.003	0.0003	0.01	TOE	—
benzaldehyde, 2,6-dimethyl-	1123-56-4	0.003	0.0003	0.01	TOE	—
tetramethylpyrazine, 2,3,5,6-	1124-11-4	0.003	0.0003	0.01	TOE	—
acetamide, n-cyclohexyl-	1124-53-4	0.003	0.0003	0.01	TOE	—
pyridine, 1,2,3,6-tetrahydro-2,2,2,6-tetramethyl-	1124-69-2	0.003	0.0003	0.01	TOE	—
propanamide, n-cyclohexyl	1126-56-3	0.003	0.0003	0.01	TOE	—
naphthalene, 1-ethyl-	1127-76-0	0.003	0.0003	0.01	TOE	—
4-hydroxybenzophenone	1137-42-4	0.01	0.01	0.01	NSF action level External peer review date: 04/18/2013	—
propenoic acid, 2-methyl-, 1-methyl-1,3-propanediyl ester, 2-	1189-08-8	0.003	0.0003	0.01	TOE	—
pentaethylene glycol dimethyl ether	1191-87-3	0.003	0.0003	0.01	TOE	—
cyclohexen-1-one, 3-methyl-2-	1193-18-6	0.003	0.0003	0.01	TOE	—
furylmethylketone, 5-methyl-2-	1193-79-9	0.003	0.0003	0.01	TOE	—
benzyl alcohol, alpha, alpha, 4-trimethyl-	1197-01-9	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
glycine, n-benzoyl-, methyl ester	1205-08-9	0.003	0.0003	0.01	TOE	—
4-chlorodiphenylamine	1205-71-6	0.003	0.0003	0.01	TOE	—
tricyclopentabenzene	1206-79-7	0.003	0.0003	0.01	TOE	—
sodium p-sulfophenyl methallyl ether	1208-67-9	0.003	0.0003	0.01	TOE	—
phosphate, diphenyl-2-ethylhexyl-	1241-94-7	0.003	0.0003	0.01	TOE	—
sodium xylenesulfonate	1300-72-7	0.05	0.05	—	NSF action level Issue date: 04/96	—
cerium oxide	1306-38-6	0.05	0.05	0.05	NSF action level External peer review date: 05/02/2012	—
lanthanum oxide	1312-81-8	0.003	0.0003	0.01	TOE	—
cyclohexanol, trimethyl-	1321-60-4	0.003	0.0003	0.01	TOE	—
benzene, divinyl-	1321-74-0	0.003	0.0003	0.01	TOE	—
asbestos	1332-21-4	7 MFL	0.7 MFL	—	40 CFR §141.60, 40 CFR §141.62	MFL = Million Fibers per liter, with fiber length > 10 microns.
tetramethyldecynediol	1333-17-1	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
benzaldehyde, 2-, 3-, 4-methyl- mixed isomers	1334-78-7	0.003	0.0003	0.01	TOE	—
propanol, phenyl-1-	1335-12-2	0.003	0.0003	0.01	TOE	—
polychlorinated biphenyls	1336-36-3	0.0005	0.00005	—	40 CFR §141.60, 40 CFR §141.61	CAS# 1336-36-3 is representative of polychlorinated biphenyls as a chemical class
sorbitan monopalmitate	1338-40-5	—	0.05 (total)	—	NSF action level Issue date: 12/96	Detections shall be summed with the following chemicals: CAS# 1338-41-6
sorbitan monostearate	1338-41-6	—	0.05 (total)	—	NSF action level Issue date: 12/96	Detections shall be summed with the following chemicals: CAS# 1338-40-5
sorbitan monoleate	1338-43-8	4	0.4	20	NSF action level External peer review date: 10/17/2012	—
xylenol, 6-tert-butyl-3,4-	1445-23-4	0.003	0.0003	0.01	TOE	—
benzenemethanol, alpha-methyl-, -(S)-	1445-91-6	0.003	0.0003	0.01	TOE	—
benzenebutanoic acid, 2,5-dimethyl-	1453-06-1	0.003	0.0003	0.01	TOE	—
1-heptadecanol	1454-85-9	0.003	0.0003	0.01	TOE	—
2-pentene, 4-chloro	1458-99-7	0.002	0.0002	—	WQA action level JPRSC consensus date: 06/11/2014	—
pyridine, 2,3,6-trimethyl-	1462-84-6	0.003	0.0003	0.01	TOE	—
dimethylcyanamide	1467-79-4	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
oct-2-enoic acid	1470-50-4	0.003	0.0003	0.01	TOE	—
benzenemethanamine, 1,3-	1477-55-0	0.003	0.0003	0.01	TOE	—
benzenemethanol, alpha-methyl-, -(R)-	1517-69-7	0.003	0.0003	0.01	TOE	—
piperidinocarbonitrile	1530-87-6	0.003	0.0003	0.01	TOE	—
morpholine, 4-dodecyl-	1541-81-7	0.003	0.0003	0.01	TOE	—
2-[2-(ethylhexyl)oxy]-ethanol	1559-35-9	0.003	0.0003	0.01	TOE	—
1-cyclopentene-1-carboxylic acid	1560-11-8	0.003	0.0003	0.01	TOE	—
2-chlorocyclohexanol	1561-86-0	0.003	0.0003	0.01	TOE	—
carbofuran	1563-66-2	0.04	0.004	—	40 CFR §141.60, 40 CFR §141.61	—
4[((4-dimethylamino)phenyl)methylene]-2-phenyl-5(4H)-oxazolone	1564-29-0	0.003	0.0003	0.01	TOE	—
3-phenyl-3-pentanol	1565-71-5	0.003	0.0003	0.01	TOE	—
alpha-ethyl-alpha-methylbenzyl alcohol	1565-75-9	0.003	0.0003	0.01	TOE	—
propanol, 1-propoxy-2-	1569-01-3	0.003	0.0003	0.01	TOE	—
penten-2-ol, 3-	1569-50-2	0.003	0.0003	0.01	TOE	—
pentenal, trans-2-	1576-87-0	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
trifluralin	1582-09-8	0.045	0.0045	—	Health Canada MAC Issue date: 02/89	—
ethyl benzoylformate	1603-79-8	0.003	0.0003	0.01	TOE	—
benzaldehyde, 3,5-di-tert-butyl-4-hydroxy-	1620-98-0	0.003	0.0003	0.01	TOE	—
hex-1-ene, 2-ethyl-	1632-16-2	0.003	0.0003	0.01	TOE	—
fenchyl alcohol	1632-73-1	0.003	0.0003	0.01	TOE	—
aldicarb sulphoxide	1646-87-3	0.004	0.0004	—	40 CFR §141.60, 40 CFR §141.61	Total combined detection of CAS# 116-06-3, CAS# 1646-87-3 and CAS# 1646-88-4 shall not exceed 0.007 mg/L (TAC) or 0.0007 (SPAC)
aldicarb sulphone	1646-88-4	0.002	0.0002	—	40 CFR §141.60, 40 CFR §141.61	Total combined detection of CAS# 116-06-3, CAS# 1646-87-3 and CAS# 1646-88-4 shall not exceed 0.007 mg/L (TAC) or 0.0007 (SPAC)
propanenitrile, 3,3'-oxybis-	1656-48-0	0.003	0.0003	0.01	TOE	—
bisphenol A diglycidyl ether	1675-54-3	1 (total)	0.1 (total)	5 (total)	NSF action level External peer review date: 10/03/2002	Detections shall be summed with the following chemicals: CAS# 5581-32-8

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
3H-1,2 Benzodithiol-3-one	1677-27-6	0.003	0.0003	0.01	TOE	—
methyl-4-isopropyl cyclohexane, trans-1-	1678-82-6	0.003	0.0003	0.01	TOE	—
terephthalic acid, monomethyl ester	1679-64-7	0.003	0.0003	0.01	TOE	—
1H-indene, 2,3-dihydro, 4,6-dimethyl-	1685-82-1	0.003	0.0003	0.01	TOE	—
bromoxynil	1689-84-5	0.005	0.0005	—	Health Canada MAC Issue date: 03/87	—
1,3-dimethyl piperidinone	1690-76-2	0.003	0.0003	0.01	TOE	—
2,5-dimethylanilsole	1706-11-2	0.003	0.0003	0.01	TOE	—
cyclododecanol	1724-39-6	0.05 (total)	0.05 (total)	4 (total))	NSF action level External peer review date: 04/22/2014	Detections shall be summed with the following chemicals: CAS# 830-13-7 and CAS# 58567-11-6
diphenyl(ethyl)phosphine oxide	1733-57-9	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
dimethylaminopropanenitrile	1738-25-6	0.003	0.0003	0.01	TOE	—
dehydroabietic acid	1740-19-8	0.003	0.0003	0.01	TOE	—
phenol, 2-allyl-	1745-81-9	0.003	0.0003	0.01	TOE	—
2,3,7,8-TCDD (dioxin)	1746-01-6	0.00000003	0.000000003	—	40 CFR §141.60, 40 CFR §141.61 USEPA Toxic Equivalency Factor: 1	—
allyl phenol ether	1746-13-0	0.003	0.0003	0.01	TOE	—
n-cyclohexylbenzamide	1759-68-8	0.003	0.0003	0.01	TOE	—
cyclohexanamine, 4,4'-methylene-bis-	1761-71-3	0.003	0.0003	0.01	TOE	—
ammonium thiocyanate	1762-95-4	0.2 (total as SCN)	0.02 (total as SCN)	0.9 (total as SCN)	NSF action level External peer review date: 09/03/2003	Detections shall be summed with the following chemicals: CAS# 333-20-0 and CAS# 540-72-7
aniline, 2-propyl-	1821-39-2	0.003	0.0003	0.01	TOE	—
methoxytrimethylsilane	1825-61-2	0.003	0.0003	0.01	TOE	—
anilinobenzothiazole	1843-21-6	0.003	0.0003	0.01	TOE	—
benzimidazolone, 3-methyl-2-	1849-01-0	0.003	0.0003	0.01	TOE	—
1,2,3-trichloro-2-methylpropane	1871-58-5	0.003	0.0003	0.01	TOE	—
2-octenoic acid, (2E)-	1871-67-6	0.003	0.0003	0.01	TOE	—
xylenol, 6-tert-butyl-1,4-	1879-09-0	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
hydroxymethylcyclododecane	1892-12-2	0.003	0.0003	0.01	TOE	—
cembrene	1898-13-1	0.003	0.0003	0.01	TOE	—
benzopyrimidine, 3,4-dihydro-	1904-64-9	0.003	0.0003	0.01	TOE	—
paraquat (as dichloride)	1910-42-5	0.01	0.001	—	Health Canada MAC Issue date: 02/86	—
atrazine	1912-24-9	0.003	0.0003	—	40 CFR §141.60, 40 CFR §141.61	—
atrazine and metabolites	1912-24-9	0.005 (total)	0.0005 (total)	—	Health Canada MAC Issue date: 04/93	Atrazine (CAS# 1912-24-9) may not exceed its individual criteria of 0.003 mg/L (TAC) or 0.0003 mg/L (SPAC). Atrazine metabolites may include the following: CAS# 1007-28-9, CAS# 3397-62-4 and CAS# 6190-65-4
dicamba	1918-00-9	0.12	0.012	—	Health Canada MAC Issue date: 03/87	—
picloram	1918-02-1	0.19	0.019	—	Health Canada MAC Issue date: 06/88	—
octadecenoic acid, 9(E)-, methyl ester	1937-62-8	0.003	0.0003	0.01	TOE	—
methyl (Z)-octadec-11-enoate	1937-63-9	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
t-butyl hydroquinone	1948-33-0	5	0.5	7	NSF action level External peer review date: 10/11/2006	__
1,1'-dimethyl-3-chloropropanol	1985-88-2	0.003	0.0003	0.01	TOE	__
phenol, 4-(1-phenylethyl)-	1988-89-2	0.003	0.0003	0.01	TOE	__
benzenedimethanol, a,a,a',a'-tetramethyl-1,3-	1999-85-5	0.003	0.0003	0.01	TOE	__
2,6-dichlorobenzamide	2008-58-4	0.003	0.0003	0.01	TOE	__
tetradecanamine, 1-	2016-42-4	0.003	0.0003	0.01	TOE	__
decylamine, n-	2016-57-1	0.003	0.0003	0.01	TOE	__
morpholine, 4-(2-aminoethyl)-	2038-03-1	0.003	0.0003	0.01	TOE	__
benzenepropanamine	2038-57-5	0.003	0.0003	0.01	TOE	__
benzenebutanenitrile	2046-18-6	0.003	0.0003	0.01	TOE	__
dibutyl cyanamide, N,N-	2050-54-6	0.003	0.0003	0.01	TOE	__
butanediol dimethacrylate, 1,4-	2082-81-7	0.003	0.0003	0.01	TOE	__
berberine	2086-83-1	0.003	0.0003	0.01	TOE	__
dioxathiocane, 1,3,6-	2094-92-0	0.003	0.0003	0.01	TOE	__
bisphenol F diglycidyl ether	2095-03-6	0.003	0.0003	0.01	TOE	__
1,10-dichlorodecane	2162-98-3	0.003	0.0003	0.01	TOE	__
glycidyl ether, 2-methylphenyl-	2210-79-9	0.003	0.0003	0.01	TOE	__
cyclohexanamine, n-	2211-66-7	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
(phenylmethylene)-						
n,n-diethyl-p-nitroaniline	2216-15-1	0.003	0.0003	0.01	TOE	—
n,n-diethyl-3-nitroaniline	2216-16-2	0.003	0.0003	0.01	TOE	—
2-(1,1-dimethylethyl)-6-methyl phenol	2219-82-1	0.003	0.0003	0.01	TOE	—
phosphonic acid, (nitrilotris(methylene))tri-, pentasodium	2235-43-0	0.003	0.0003	0.01	TOE	—
benzothiazole-2-thione, N-methyl-	2254-94-6	0.003	0.0003	0.01	TOE	—
propargite	2312-35-8	0.1	0.01	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 03/23/1988	—
ethanol, 2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]-	2315-61-9	0.003	0.0003	0.01	TOE	—
fluorescein	2321-07-5	0.003	0.0003	0.01	TOE	—
octadecenoic acid, 8-, methyl ester	2345-29-1	0.003	0.0003	0.01	TOE	—
diethylene glycol dimethacrylate	2358-84-1	0.003	0.0003	0.01	TOE	—
nonanal, 2-oxo-	2363-87-3	0.003	0.0003	0.01	TOE	—
decadienal, 2,4-	2363-88-4	0.003	0.0003	0.01	TOE	—
2-octenal	2363-89-5	0.003	0.0003	0.01	TOE	—
2,2-dimethyl-1-hexanol	2370-13-0	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
oxabicyclo (4.1.0) heptane-3-carboxylic acid, 7-	2386-87-0	0.003	0.0003	0.01	TOE	—
1,3-dicyclohexylurea	2387-23-7	0.003	0.0003	0.01	TOE	—
benzene, 1-ethyldecyl-	2400-00-2	0.003	0.0003	0.01	TOE	—
benzene, 1-hexylheptyl-	2400-01-3	0.003	0.0003	0.01	TOE	—
2,2,6,6-tetramethyl-4-piperidinol	2403-88-5	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 05/10/2011	Detections shall be summed with the following chemicals: CAS# 826-36-8
piperidinol, 1,2,2,6,6-pentamethyl-4-	2403-89-6	0.003	0.0003	0.01	TOE	—
(phenylimino) cyclohexadiene	2406-04-4	0.003	0.0003	0.01	TOE	—
propanol, 1-[4-(1,1-dimethylethyl)phenoxy]-2-	2416-30-0	0.003	0.0003	0.01	TOE	—
1-chlorotetradecane	2425-54-9	0.003	0.0003	0.01	TOE	—
formamide, N-(1,1-dimethylethyl)-	2425-74-3	0.003	0.0003	—	TOE	—
butanediol diglycidyl ether, 1,4-	2425-79-8	0.003	0.0003	0.01	TOE	—
n-butyl glycidyl ether	2426-08-6	0.003	0.0003	0.01	TOE	—
11-aminoundecanoic acid	2432-99-7	0.05	0.05		NSF action level Issue date: 04/15/99	—
2,3,4-trimethylquinoline	2437-72-1	0.003	0.0003	0.01	TOE	—
benzotriazole, 2-(2-hydroxy-5-methyl-phenyl)-	2440-22-4	0.003	0.0003	0.01	TOE	—
2-ethylhexyl glycidyl ether	2461-15-6	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
dodecyl glycidyl ether	2461-18-9	0.003	0.0003	0.01	TOE	__
octadecenoic acid, 9-, methyl ester	2462-84-2	0.003	0.0003	0.01	TOE	__
2,2'-bisphenol F	2467-02-9	0.003	0.0003	0.01	TOE	__
2,4'-bisphenol F	2467-03-0	0.003	0.0003	0.01	TOE	__
trimethylthiourea	2489-77-2	0.003	0.0003	0.01	TOE	__
3-Methoxybutanol	2517-43-3	0.003	0.0003	0.01	TOE	__
methacrylic acid, 3-(trimethylsilyl)propyl ester	2530-85-0	0.003	0.0003	0.01	TOE	__
nonanoic acid, 9-oxo-	2553-17-5	0.003	0.0003	0.01	TOE	__
9,12-octadecanoic acid, methyl ester	2566-97-4	0.003	0.0003	0.01	TOE	__
methane, di-t-butoxy	2568-93-6	0.003	0.0003	0.01	TOE	__
cyclohexanedimethanamine, 1,3-	2579-20-6	0.003	0.0003	0.01	TOE	__
piperidine, 1-formyl	2591-86-8	0.003	0.0003	0.01	TOE	__
cyclohexadiene-1-one, 2,6-(1,1-dimethylethyl)-4-methylene-2,5-	2607-52-5	0.003	0.0003	0.01	TOE	__
2, 4-dichlorophenyl isocyanate	2612-57-9	0.003	0.0003	0.01	TOE	__
benzisothiazolin-3-one	2634-33-5	0.003	0.0003	0.01	TOE	__
octadecadienoic acid, (Z,Z)-9,12- , butyl ester	2634-45-9	0.003	0.0003	0.01	TOE	__
1,1-cycloheanedimethanol	2658-60-8	0.003	0.0003	0.01	TOE	__
3,4-dichlorobenzenediamine	2670-38-4	0.003	0.0003	0.01	TOE	__
pyrrolidinone, 1-dodecyl-2-	2687-96-9	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
aniline, 4-n-propyl-	2696-84-6	0.003	0.0003	0.01	TOE	—
benzene, 1-methylundecyl-	2719-61-1	0.003	0.0003	0.01	TOE	—
benzene, 1-pentylheptyl-	2719-62-2	0.003	0.0003	0.01	TOE	—
benzene, 1-butyloctyl-	2719-63-3	0.003	0.0003	0.01	TOE	—
benzene, 1-propylnonyl-	2719-64-4	0.003	0.0003	0.01	TOE	—
dilauryl disulfide	2757-37-1	0.003	0.0003	0.01	TOE	—
3-hydroxypropyl methacrylate	2761-09-3	0.003	0.0003	0.01	TOE	—
diquat	2764-72-9	0.02	0.002	—	40 CFR §141.60, 40 CFR §141.61	—
octadecenoic acid, 6(Z), methyl ester	2777-58-4	0.003	0.0003	—	TOE	—
octadecanoic acid, octadecyl ester	2778-96-3	0.003	0.0003	0.01	TOE	—
tetramethylthiourea	2782-91-4	0.01	0.001	0.2	NSF action level External peer review date: 09/20/2011	—
1-hydroxyethylidene-1, 1-diphosphonic acid (HEDP)	2809-21-4	—	0.02	—	NSF action level Issue date: 07/08/99	—
isophorone diamine	2855-13-2	0.003	0.0003	0.01	TOE	—
2-nonen-4-one, 2-methyl-	2903-23-3	0.003	0.0003	0.01	TOE	—
1,3-dioxolane, 2,2-dimethyl-	2916-31-6	0.003	0.0003	0.01	TOE	—
chlorpyrifos	2921-88-2	0.09	0.009	—	Health Canada MAC Issue date: 02/86	—
benzenedimethanol, a,a,a',a'-tetramethyl-1,4-	2948-46-1	0.003	0.0003	0.01	TOE	—
benzyldiphenylphosphine oxide	2959-74-2	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
dimethyldodecanamide, N,N-	3007-53-2	0.003	0.0003	0.01	TOE	—
3-methyl-cinnamic acid	3029-79-6	0.003	0.0003	0.01	TOE	—
2-methyl-4-phenyl morpholine	3077-16-5	0.003	0.0003	0.01	TOE	—
cyclohexyl isocyanate	3173-53-3	0.003	0.0003	0.01	TOE	—
hexen-2-one, 5-methyl-5-	3240-09-3	0.003	0.0003	0.01	TOE	—
1,2,3,4,6,7,8,9-octa-chlorodibenzo-p-dioxin	3268-87-9	0.0003	0.00003	—	USEPA Toxic Equivalency Factor: 0.0001	—
trimethylolpropane trimethacrylate	3290-92-4	0.003	0.0003	0.01	TOE	—
1,2,3,4-tetrahydroacridine	3295-64-5	0.003	0.0003	0.01	TOE	—
3,5,5-trimethylhexanoic acid	3302-10-1	0.003	0.0003	0.01	TOE	—
tetramethyl-succinonitrile	3333-52-6	0.01	0.01	0.01	NSF action level External peer review date: 05/06/2010	—
3-methyl-5-phenyl-1H-pyrazole	3347-62-4	0.003	0.0003	0.01	TOE	—
2,4,4'-trichloro-2'-hydroxydiphenyl ether	3380-34-5	0.5	0.05	8	NSF action level External peer review date: 10/19/2000	—
octen-3-ol, 1-	3391-86-4	0.003	0.0003	0.01	TOE	—
1-pentene, 3,3-dimethyl	3404-73-7	0.003	0.0003	0.01	TOE	—
morpholinecarboxamide, N-cyclohexyl-4-	3417-54-7	0.003	0.0003	0.01	TOE	—
benzyl alcohol, a,a-dimethyl-p-isopropyl-	3445-42-9	0.003	0.0003	0.01	TOE	—
formamidine, N,N-dimethyl-N'-cyclohexyl-	3459-75-4	0.003	0.0003	0.01	TOE	—
9H-pyrido(3,3-b)indole-1-carboxylic acid, methyl ester	3464-66-2	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
hexane, 2,2,5-trimethyl	3522-94-9	0.003	0.0003	0.01	TOE	—
N-butylbenzene-sulfonamide	3622-84-2	0.01	0.01	0.01	NSF action level External peer review date: 09/20/2011	—
ethanone, 1-(3,4-dimethylphenyl-	3637-01-2	0.003	0.0003	0.01	TOE	—
1,2-benzenedicarboxylic acid, diundecyl ester	3648-20-2	0.003	0.0003	0.01	TOE	—
dimethyl trisulfide	3658-80-8	0.003	0.0003	0.01	TOE	—
butenoic acid, 2-	3724-65-0	0.003	0.0003	0.01	TOE	—
1-ethyl-2-methyl-cyclohexane	3728-54-9	0.003	0.0003	0.01	TOE	—
dimethyldithiocarbamate, methyl	3735-92-0	0.003	0.0003	0.01	TOE	—
2-butanol, 1-(dimethylamino-)	3760-96-1	0.003	0.0003	0.01	TOE	—
furan, 2-pentyl-	3777-69-3	0.003	0.0003	0.01	TOE	—
benzoic acid, 2-cyano-	3839-22-3	0.003	0.0003	0.01	TOE	—
triphenylphosphine sulfide	3878-45-3	0.003	0.0003	0.01	TOE	—
monomethyl succinate (monomethyl ester butanedioc acid)	3878-55-5	0.003	0.0003	0.01	TOE	—
octadecanamide, N,N-dimethyl-	3886-90-6	0.003	0.0003	0.01	TOE	—
hexadecanamide, N,N-dimethyl-	3886-91-7	0.003	0.0003	0.01	TOE	—
2,6,10-trimethyl-dodecane	3891-98-3	0.003	0.0003	0.01	TOE	—
phenylindan, 1,1,3-trimethyl-3-	3910-35-8	0.003	0.0003	0.01	TOE	—
1,2-cycloheanedimethanol	3971-29-7	0.003	0.0003	0.01	TOE	—
benzenesulfonyl isocyanate, 4-methyl	4083-64-1	0.003	0.0003	0.01	TOE	—
dimethyl-3,3'-thiobispropionate	4131-74-2	0.003	0.0003	0.01	TOE	—
1,4-dibutoxybutane	4161-40-4	0.003	0.0003	0.01	TOE	—
1H-indene, 2,3-dihydro, 1,3-	4175-53-5	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
dimethyl-						
benzene, 1-ethyl-4-(1-methylethyl)	4218-48-8	0.003	0.0003	0.01	TOE	__
phenol, o-(1-phenylethyl)-	4237-44-9	0.003	0.0003	0.01	TOE	__
isobutyl 4-hydroxybenzoate	4247-02-4	0.003	0.0003	0.01	TOE	__
1,1,2-trimethylcyclopentane	4259-00-1	0.003	0.0003	0.01	TOE	__
phosphinic acid, P-phenyl-, Na salt	4297-95-4	0.003	0.0003	0.01	TOE	__
adipic acid, mono(2-ethylhexyl) ester	4337-65-9	0.003	0.0003	0.01	TOE	__
1-benzothiepin, 2,3,4,5-tetrahydro-	4370-78-9	0.003	0.0003	0.01	TOE	__
methyl hydrogen phthalate	4376-18-5	0.003	0.0003	0.01	TOE	__
n,n-dimethylhexylamine	4385-04-0	0.003	0.0003	0.01	TOE	__
nonane, 2,2,4,4,6,8,8-heptamethyl	4390-04-9	0.003	0.0003	0.01	TOE	__
morpholinecarbaldehyde, 4-	4394-85-8	0.003	0.0003	0.01	TOE	__
2,2'-azobis(2,4-dimethylvaleronitrile)	4419-11-8	0.003	0.0003	0.01	TOE	__
2-(n-morpholinylmethyl)phenol	4438-01-1	0.003	0.0003	0.01	TOE	__
2,5-tetrahydrodipropylfuran	4457-62-8	0.003	0.0003	0.01	TOE	__
tridecane, 6-phenyl-	4534-49-0	0.003	0.0003	0.01	TOE	__
benzene, 1-butylnonyl-	4534-50-3	0.003	0.0003	0.01	TOE	__
benzene, 1-propyldecyl-	4534-51-4	0.003	0.0003	0.01	TOE	__
benzene, 1-ethylundecyl-	4534-52-5	0.003	0.0003	0.01	TOE	__
benzene, 1-methyldodecyl-	4534-53-6	0.003	0.0003	0.01	TOE	__
benzene, 1-propyloctyl-	4536-86-1	0.003	0.0003	0.01	TOE	__
benzene, 1-ethylnonyl-	4536-87-2	0.003	0.0003	0.01	TOE	__
benzene, 1-methyldecyl-	4536-88-3	0.003	0.0003	0.01	TOE	__
benzene, 1-butylheptyl-	4537-15-9	0.003	0.0003	0.01	TOE	__
morpholinepropanenitrile, 4-	4542-47-6	0.003	0.0003	0.01	TOE	__
urea, 1,1,3,3-tetrabutyl-	4559-86-8	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
benzoquinone, 2,5-di-tert-pentyl-p-	4584-63-8	0.003	0.0003	0.01	TOE	__
methyldiethyl carbamate	4652-44-2	0.003	0.0003	0.01	TOE	__
buten-1-ol, 2-methyl-2-	4675-87-0	0.003	0.0003	0.01	TOE	__
benzene, 2,4-dimethyl-1-(methylethyl)-	4706-89-2	0.003	0.0003	0.01	TOE	__
benzene, 1,3-dimethyl-5-isopropyl-	4706-90-5	0.003	0.0003	0.01	TOE	__
benzaldehyde, 4-ethyl	4748-78-1	0.003	0.0003	0.01	TOE	__
15-octadeconoic acid, methyl ester	4764-72-1	0.003	0.0003	0.01	TOE	__
1-chloro-3-phenoxy-2-propanol	4769-73-7	0.003	0.0003	0.01	TOE	__
3-cyclohexene-1-carboxylic acid	4771-80-6	0.003	0.0003	0.01	TOE	__
alpha-chloro-benzeneacetic acid-, ethyl ester	4773-33-5	0.003	0.0003	0.01	TOE	__
cyclobutane, ethyl-	4806-61-5	0.003	0.0003	0.01	TOE	__
3,4-diphenylfuran-2,5-dione	4808-48-4	0.003	0.0003	0.01	TOE	__
2,5-dimethyl-3-hydroxy-4-pyridinemethanol	4811-03-4	0.003	0.0003	0.01	TOE	__
butylamine, N-butylidene	4853-56-9	0.003	0.0003	0.01	TOE	__
cyclopentylcyclopentanone, 2-	4884-24-6	0.003	0.0003	0.01	TOE	__
9-(ethoxycarbonyl)phenanthrene	4895-92-5	0.003	0.0003	0.01	TOE	__
pinanol (or cis-2-pinanol)	4948-28-1	0.003	0.0003	0.01	TOE	__
pinanol, trans-2-	4948-29-2	0.003	0.0003	0.01	TOE	__
benzene, 1,1'-methylenebis(4-methyl)-	4957-14-6	0.003	0.0003	0.01	TOE	__
ethylcyclopentanone	4971-18-0	0.003	0.0003	0.01	TOE	__
4-phenylcyclohexene	4994-16-5	0.003	0.0003	0.01	TOE	__
dimethyldiphenyl sulphone	5097-12-1	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
cyclohexanemethanol, trans-alpha,alpha,4-trimethyl-	5114-00-1	0.003	0.0003	0.01	TOE	—
methyl-14-methylpentadecanoate	5129-60-2	0.003	0.0003	0.01	TOE	—
heptadecanoic acid, 16-methyl-, methyl ester	5129-61-3	0.003	0.0003	0.01	TOE	—
4-chloro-1,3-benzenediamine	5131-60-2	0.3	0.03	0.3	NSF action level External peer review date: 04/06/2005	—
propylene glycol n-butyl ether	5131-66-8	2	0.2	30	NSF action level External peer review date: 10/03/2002	—
13-isoproylpodocarpa-8,11,13-trien-16-oic acid	5155-70-4	0.003	0.0003	0.01	TOE	—
hexen-2-one, 5-methyl-3-	5166-53-0	0.003	0.0003	0.01	TOE	—
benzene, 4,6-diisopropyl-1,3-dimethyl-	5186-68-5	0.003	0.0003	0.01	TOE	—
3,4,5,6-tetrahydro-1,3-oxazin-2-one	5259-97-2	0.003	0.0003	0.01	TOE	—
dodecyl tetraglycol	5274-68-0	0.003	0.0003	0.01	TOE	—
n-nonanoyl morpholine	5299-64-9	0.003	0.0003	0.01	TOE	—
acetaldehyde, di-sec-butyl acetal	5314-41-0	0.003	0.0003	0.01	TOE	—
hexamethylene dibenzamide	5326-21-6	0.003	0.0003	0.01	TOE	—
hexanamine, 2-	5329-79-3	0.003	0.0003	0.01	TOE	—
urea, N,N-bis-(1,1-dimethylethyl)-	5336-24-3	0.003	0.0003	0.01	TOE	—
propanenitrile, 3-(diethylamino)-	5351-04-2	0.003	0.0003	0.01	TOE	—
acetophenone, 4'-isopropenyl	5359-04-6	0.003	0.0003	0.01	TOE	—
2,5-dichlorophenyl isocyanate	5392-82-5	0.003	0.0003	0.01	TOE	—
ethanol, 2-(4-methoxyphenoxy) -	5394-57-0	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
dihydromethyl benzimidazolone	5400-75-9	0.003	0.0003	0.01	TOE	—
3,4-dihydro-3,3,6,8-tetramethylnaphthalen-1(2H)-one	5409-55-2	0.003	0.0003	0.01	TOE	—
2,6-di-tert-butyl-4-isopropyl phenol	5427-03-2	0.003	0.0003	0.01	TOE	—
cinnamate, 2-ethylhexyl-4-methoxy-	5466-77-3	0.003	0.0003	0.01	TOE	—
butanone, 4-(4-hydroxyphenyl)-2-	5471-51-2	0.003	0.0003	0.01	TOE	—
bisphenol A diglycideryl ether	5581-32-8	1 (total)	0.1 (total)	5 (total)	NSF action level External peer review date: 10/03/2002	Detections shall be summed with the following chemicals: CAS# 1675-54-3
2,2-bis(3,5-dimethyl-4-hydroxyphenyl)propane	5613-46-7	0.003	0.0003	0.01	TOE	—
benzeneamine, 4-(1-methylethyl)-N-phenyl-	5650-10-2	0.003	0.0003	0.01	TOE	—
1-propanone, 3-hydroxy-1-phenyl-	5650-41-9	0.003	0.0003	0.01	TOE	—
pyrrolo(1,2-a)pyrazine-1,4-dione, hexahydro-3-(2-methylpropyl)-	5654-86-4	0.003	0.0003	0.01	TOE	—
phenanthro[3,4-c]furan-1,3-dione	5723-54-6	0.003	0.0003	0.01	TOE	—
benzaldehyde, 2,4,5-trimethyl-	5779-72-6	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 10/30/2013	Detections shall be summed with the following chemicals: CAS# 487-68-3
dimethylbenzaldehyde, 2,5	5779-94-2	0.003	0.0003	0.01	TOE	—
benzaldehyde, 3,5-dimethyl-	5799-95-3	0.003	0.0003	0.01	TOE	—
acetylhexamethyleneimine	5809-41-6	0.003	0.0003	0.01	TOE	—
dimethylbenzaldehyde, 3,4-	5973-71-7	0.003	0.0003	0.01	TOE	—
dioxadithionane, 1,3,6,7-	5980-67-6	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
trioxepane, 1,3,5-	5981-06-6	0.003	0.0003	0.01	TOE	—
octadien-2-ol, 2,6-dimethyl-5,7-	5986-38-9	0.003	0.0003	0.01	TOE	—
methylenephenethyl alcohol, beta-	6006-81-1	0.003	0.0003	0.01	TOE	—
cyclohexane, cis-1-methyl-4-isopropyl-	6069-98-3	0.003	0.0003	0.01	TOE	—
formylcyclopentene, 1-	6140-65-4	0.003	0.0003	0.01	TOE	—
tris(2-chloropropyl) phosphate	6145-73-9	0.003	0.0003	0.01	TOE	—
benzyl alcohol, 4-ethoxy	6214-44-4	0.003	0.0003	0.01	TOE	—
acridine, 9,10-dihydro-9,9-dimethyl-	6267-02-3	0.01	0.01	—	IAPMO action level JPRSC consensus date: 05/20/2014	
phenol, p-phenylethyl-	6335-83-7	0.003	0.0003	0.01	TOE	—
indan-1-ol	6351-10-6	0.003	0.0003	0.01	TOE	—
4-chloro-2,5-dimethyoxybenzamine	6358-64-1	0.003	0.0003	0.01	TOE	—
methyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	6386-38-5	0.02 (total)	0.002 (total)	0.1 (total)	NSF action level External peer review date: 04/20/2004	Detections shall be summed with the following chemicals: CAS# 20170-32-5
fluorescein, dipotassium salt	6417-85-2	0.003	0.0003	0.01	TOE	—
terephthalic acid, di(2-ethylhexyl) ester	6422-86-1	0.003	0.0003	0.01	TOE	—
di(2-ethylhexyl) terephthalate	6422-86-2	1	0.1	9	NSF action level External peer review date: 04/17/2008	—
carbonic acid, diisopropyl ester	6482-34-4	0.003	0.0003	0.01	TOE	—
benzene, 1-(1,1-dimethylethyl)-3-ethyl-5-methyl-	6630-01-9	0.003	0.0003	0.01	TOE	—
6-amino-1,3-dimethyluracil	6642-31-5	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
benzene, (1,1-dimethylethoxy)-	6669-13-2	0.003	0.0003	0.01	TOE	—
2,3-dihydro-4,5,7-trimethyl-1H-indene	6682-06-0	0.003	0.0003	0.01	TOE	—
hexamethyleneimine, 1-ethyl-	6763-91-3	0.003	0.0003	0.01	TOE	—
phenylene) bis-ethanone, 1,1'-(1,3-	6781-42-6	0.003	0.0003	0.01	TOE	—
2-chloro-1,3-dimethylbenzene	6781-98-2	0.003	0.0003	0.01	TOE	—
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	0.4 (total)	0.04 (total)	5 (total)	NSF action level External peer review date: 05/10/2011	Detections shall be summed with the following chemicals: CAS# 77-68-9, CAS# 144-19-4, CAS# 25265-77-4, CAS# 74367-33-2 and CAS# 74367-34-3
2,2'-dimethyl-4,4'-methylene bis(cyclohexylamine)	6864-37-5	0.003	0.0003	0.01	TOE	—
2-methylindoline	6872-06-6	0.003	0.0003	0.01	TOE	—
4-chlorophenyl phenyl ether	7005-72-3	0.003	0.0003	0.01	TOE	—
acrylic acid, 2-cyano-, ethyl ester	7085-85-0	0.003	0.0003	0.01	TOE	—
Ethanol, 2-[2-(2-phenoxyethoxy)ethoxy]-	7204-16-2	0.003	0.0003	0.01	TOE	—
2-thiazolecarboxylic acid, 4-methyl-, ethyl ester	7210-73-3	0.003	0.0003	0.01	TOE	—
butyl glycolate	7397-62-8	0.003	0.0003	0.01	TOE	—
3-nitro-1-phenyl-1-butanone	7404-78-6	0.003	0.0003	0.01	TOE	—
aluminum	7429-90-5	9	2	9	NSF action level External peer review date: 05/10/2011	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
lead (at tap) - Standard 60	7439-92-1	TT (action level 0.015 mg/L)	0.0015	—	40 CFR §141.80; 65 FR 1950	TT = treatment technique
lead (at tap) - Standard 61	7439-92-1	TT (action level 0.005 mg/L)	0.0005	—	40 CFR §141.80; 65 FR 1950	TT = treatment technique[8,9]
lithium	7439-93-2	1	0.3	—	NSF action level Issue date: 09/27/99	—
manganese	7439-96-5	0.3	0.03	—	Derived from the oral RfD on the USEPA IRIS database, with a 3x modifying factor because of the large contribution from food sources and a default 20% relative source contribution for drinking water. Verification date: 05/12/1995	—
mercury (inorganic)	7439-97-6	0.002	0.0002	—	40 CFR §141.60, 40 CFR §141.62	—
molybdenum	7439-98-7	0.04	0.004	—	USEPA Draft Health Advisory Issue date: 1993	—
neodymium	7440-00-8	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
nickel	7440-02-0	0.1	0.02	—	NSF action level Issue date: 07/22/96	—
niobium	7440-03-1	0.003	0.0003	0.01	TOE	—
palladium	7440-05-3	0.003	0.0003	0.01	TOE	—
platinum	7440-06-4	0.01	0.001	—	WQA action level JPRSC consensus date: 02/12/2014	—
potassium-39	7440-09-7	500	50	—	WQA action level JPRSC consensus date: 02/12/2014	—
rhenium	7440-15-5	0.003	0.0003	0.01	TOE	—
ruthenium	7440-18-8	0.003	0.0003	0.01	TOE	—
silicon	7440-21-3	1	0.1	—	NSF action level Issue date:	—
silver	7440-22-4	0.1	0.01	—	USEPA Lifetime Drinking Water Health Advisory Issue date: 1992	—
strontium	7440-24-6	4	0.4	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 06/23/1992	—
tantalum	7440-25-7	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
thallium	7440-28-0	0.002	0.0002	—	40 CFR §141.60, 40 CFR §141.62	—
tin, inorganic	7440-31-5	4	0.4	—	NSF action level JPRSC consensus date: 10/29/2013	—
titanium	7440-32-6	90 (total as Ti)	9 (total as Ti)	90 (total as Ti)	NSF action level External peer review date: 09/04/2003	Detections shall be summed with the following chemicals: CAS# 13463-67-7
tungsten	7440-33-7	0.01	0.01	0.01	NSF action level External peer review date: 04/06/2005	—
antimony	7440-36-0	0.006	0.0006	—	40 CFR §141.60, 40 CFR §141.62	—
arsenic	7440-38-2	0.01	0.001	—	40 CFR §141.60, 40 CFR §141.62	—
barium	7440-39-3	2	0.2	—	40 CFR §141.60, 40 CFR §141.62	—
beryllium	7440-41-7	0.004	0.0004	—	40 CFR §141.60, 40 CFR §141.62	—
boron	7440-42-8	5	0.5	—	Health Canada Issue date: 09/1990	—
cadmium	7440-43-9	0.005	0.0005	—	40 CFR §141.60, 40 CFR §141.62	—
cerium	7440-45-1	0.003	0.0003	0.01	TOE	—
chromium (total)	7440-47-3	0.1	0.01	—	40 CFR §141.60, 40 CFR §141.62	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
cobalt	7440-48-4	0.007	0.0007	0.2	WQA action level JPRSC consensus date: 05/20/2014	—
copper	7440-50-8	TT (action level 1.3 mg/L)	0.13	—	40 CFR §141.80, 65 FR 1950	TT = treatment technique[8]
gallium	7440-55-3	0.003	0.0003	0.01	TOE	—
hafnium	7440-58-6	0.003	0.0003	0.01	TOE	—
uranium	7440-61-1	0.03 (20 pCi/L)	0.003 (2 pCi/L)	—	40 CFR §141.66	—
vanadium	7440-62-2	0.03	0.003	—	NSF action level Issue date: 02/11/00	—
yttrium	7440-65-5	0.003	0.0003	0.01	TOE	—
zirconium	7440-67-7	0.7	0.07	—	NSF action level Issue date:	—
bismuth	7440-69-9	0.1	0.01 0.05 (Std. 61, Section 9 only)	—	NSF action level Issue date: 08/02/95	For NSF/ANSI 61, section 9 products, a 100% multiple source factor was applied during the SPAC calculation, since no other sources of bismuth were expected within the one liter draw specified for section 9. For non-section 9 products, a 20% multiple source factor was applied.

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
propanone, 1-, 2-hydroxy-2-methyl-1-phenyl-	7473-98-5	0.003	0.0003	0.01	TOE	—
Iodine	7553-56-2	0.3	0.1	0.3	NSF action level External peer review date: 04/25/2002	Std. 60 D2, Std. 61 D2
aconitic acid, tributyl ester	7568-58-3	0.003	0.0003	0.01	TOE	—
chloromethyl p-tolyl sulfone	7569-26-8	0.003	0.0003	0.01	TOE	—
2,7-dimethylxanthone	7573-15-1	0.003	0.0003	0.01	TOE	—
2-ethylhexyl mercaptoacetate	7659-86-1	0.003	0.0003	0.01	TOE	—
ammonia	7664-41-7	0.003	0.0003	0.01	TOE	—
squalene	7683-64-9	0.003	0.0003	0.01	TOE	—
bromine	7726-95-6	10 (total)	1 (total)	10 (total)	NSF action level External peer review date: 09/21/2011	Detections shall be summed with the following chemicals: CAS# 24959-67-9
selenium	7782-49-2	0.05	0.005	—	40 CFR §141.60, 40 CFR §141.62	—
chlorine (free as Cl2)	7782-50-5	4	0.4	—	40 CFR §141.65	Pass/fail values represent the maximum residual disinfectant level (MRDL).
cerium chloride	7790-86-5	0.003	0.0003	0.01	NSF action level External peer review date: 05/02/2012	—
toxaphene	8001-35-2	0.003	0.0003	—	40 CFR §141.60, 40 CFR §141.61	—
benzalkonium chloride	8001-54-5	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
mineral oil (high viscosity, ≥ 11 centistokes)	8012-95-1	700	70	700	NSF action level External peer review date: 04/24/2004	Alternate CASA# 8042-47-5 (white)
mineral oil (medium and low viscosity Class I, 8.5-11 centistokes)	8012-95-1	700	70	700	NSF action level External peer review date: 04/24/2004	Alternate CASA# 8042-47-5 (white)
mineral oil (medium and low viscosity Class II, 7.0-8.5 centistokes)	8012-95-1	40	4	40	NSF action level External peer review date: 04/24/2004	Alternate CASA# 8042-47-5 (white)
mineral oil (medium and low viscosity Class III, 3.0-7.0 centistokes)	8012-95-1	1	0.1	2	NSF action level External peer review date: 04/24/2004	Alternate CASA# 8042-47-5 (white)
polyoxyethylene (6) lauryl ether	9002-92-0	—	0.05	—	NSF action level Issue date: 12/28/96	—
polyoxyethylene (9) octyl phenol	9002-93-1	—	0.05 (total)	—	NSF action level Issue date: 12/28/96	Detections shall be summed with the following chemicals: polyoxyethylene (40) octyl phenol
polyoxyethylene (40) octyl phenol	9002-93-1	—	0.05 (total)	—	NSF action level Issue date: 12/28/96	Detections shall be summed with the following chemicals: polyoxyethylene (9) octyl phenol

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
polyoxyethylene sorbitan monolaurate	9005-64-5	—	1 (total)	—	NSF action level Issue date: 01/97	Detections shall be summed with the following chemicals: CAS# 9005-65-6, CAS# 9005-66-7 and CAS# 9005-67-8
polyoxyethylene sorbitan monooleate	9005-65-6	—	1 (total)	—	NSF action level Issue date: 01/97	Detections shall be summed with the following chemicals: CAS# 9005-64-5, CAS# 9005-66-7 and CAS# 9005-67-8
polyoxyethylene sorbitan monopalmitate	9005-66-7	—	1 (total)	—	NSF action level Issue date: 01/97	Detections shall be summed with the following chemicals: CAS# 9005-64-5, CAS# 9005-65-6 and CAS# 9005-67-8
polyoxyethylene sorbitan monosteartate	9005-67-8	—	1 (total)	—	NSF action level Issue date: 01/97	Detections shall be summed with the following chemicals: CAS# 9005-64-5, CAS# 9005-65-6 and CAS# 9005-66-7
polyoxyethylene sorbitan tristearate	9005-71-4	—	0.05	—	NSF action level Issue date: 12/96	—
polyoxyethylene (6) dodecyl phenol	9014-92-0	—	0.01	—	NSF action level Issue date: 12/28/96	—
polyoxyethylene (9) dodecyl phenol	9014-92-0	—	0.05	—	NSF action level Issue date: 12/28/96	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
polyoxyethylene (40) dodecyl phenol	9014-92-0	—	0.05	—	NSF action level Issue date: 12/28/96	—
polyoxyethylene (4, 9, 15, 30 or 40) nonyl phenol	9016-45-9	—	0.05 (total)	—	NSF action level Issue date: 12/28/96	Detections of each specified polyoxyethylene length shall be summed and not exceed the specified criteria
polyoxyethylene (6 or 20) nonyl phenol	9016-45-9	—	0.01 (total)	—	NSF action level Issue date: 12/28/96	Detections of each specified polyoxyethylene length shall be summed and not exceed the specified criteria
hydrazine sulfate	10034-93-2	0.0001 (total)	0.00001 (total)	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 06/03/1987	Detections shall be summed with the following chemicals: CAS# 302-01-2
heptanol, 2-propyl-1-	10042-59-8	0.003	0.0003	0.01	TOE	—
chlorine dioxide (as ClO2)	10049-04-4	0.8	0.08	—	40 CFR §141.65	Pass/fail values represent the maximum residual disinfectant level (MRDL).
cis-1,3-dichloropropene	10061-01-5	0.004 (total)	0.0004 (total)	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Agency Consensus Date: 04/20/2000	Detections shall be summed with the following chemicals: CAS# 10061-02-6

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
trans-1,3-dichloropropene	10061-02-6	0.004 (total)	0.0004 (total)	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Agency Consensus Date: 04/20/2000	Detections shall be summed with the following chemicals: CAS# 10061-01-5
lanthanum chloride	10099-58-8	0.003	0.0003	0.01	TOE	—
2,2-dibromo-3-nitrilo-propionamide	10222-01-2	0.4	0.09	2	NSF action level External peer review date: 04/20/2004	—
n-hexyl-butanamide	10264-17-2	0.003	0.0003	0.01	TOE	—
1-[2-(dimethylamino)phenyl]-ethanone	10336-55-7	0.003	0.0003	0.01	TOE	—
(1-methyl-3-butenyl)-benzene	10340-49-5	0.003	0.0003	0.01	TOE	—
DL-camphorquinone	10373-78-1	0.003	0.0003	0.01	TOE	—
cyclohexadiene-1-one, 2,6-di-tert-butyl-4-hydroxy-4-methyl-2,5-	10396-80-2	0.003	0.0003	0.01	TOE	—
chloroethane, 1-butoxy-2-	10503-96-5	0.003	0.0003	0.01	TOE	—
N-nitroso-N-methylethylamine	10595-95-6	0.00002	0.000002	—	USEPA IRIS $10^{-5}/10^{-6}$ cancer risk levels. Verification date: 02/11/1987	—
chloramines (total as Cl2)	10599-90-3	4	0.4	—	40 CFR §141.65	Pass/fail values represent the maximum residual disinfectant level (MRDL).

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
methyltetrahydrophthalic anhydride	11070-44-3	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 10/17/2012	Detections shall be summed with the following chemicals: CAS# 85-42-7. CAS# 85-43-8, CAS# 25134-21-8 and CAS# 25550-51-0
gross alpha particle activity	12587-46-1	15 pCi/L	1.5 pCi/L	—	40 CFR §141.15	—
beta particle and photon activity	12587-47-2	4 mrem/y	0.4 mrem/y	—	40 CFR §141.16	—
cresol, 2-tert-butyl-m-	13037-79-1	0.003	0.0003	0.01	TOE	—
terbufos	13071-79-9	0.001	0.0001	—	Health Canada MAC Issue date: 01/87	—
1-octene, 6-methyl-	13151-10-5	0.003	0.0003	0.01	TOE	—
2,2'-Azobis(2-amidinopropane)	13217-66-8	0.003	0.0003	0.01	TOE	—
2,5-diethylpyrazine	13238-84-1	0.003	0.0003	0.01	TOE	—
titanium dioxide	13463-67-7	90 (total as Ti)	9 (total as Ti)	90 (total as Ti)	NSF action level External peer review date: 09/04/2003	Detections shall be summed with the following chemicals: CAS# 7440-32-6
docosane, 11-butyl-	13475-76-8	0.003	0.0003	0.01	TOE	—
octadecenoic acid, 10-, methyl ester	13481-95-3	0.003	0.0003	0.01	TOE	—
1-chloro-4-(1-chloroethenyl)-cyclohexene	13547-06-3	0.003	0.0003	0.01	TOE	—
1-chloro-5-(1-chloroethenyl)-cyclohexene	13547-07-4	0.003	0.0003	0.01	TOE	—
Tris(1-chloro-2-propyl) phosphate	13674-84-5	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
1-propene, 3-(2-(2-methoxyethoxy)ethoxy)-	13752-97-1	0.003	0.0003	0.01	TOE	—
2-butanamine	13952-84-6	0.003	0.0003	0.01	TOE	—
radium 226	13982-63-3	5 pCi/L (total)	0.5 pCi/L (total)	—	40 CFR §141.15	Detections shall be summed with the following chemicals: CAS# 15262-20-1
pentanedioic acid, 2-methyl-, 1,5-dimethyl ester	14035-94-0	0.003	0.0003	0.01	TOE	—
3-methyl-2-biphenylamine	14294-33-8	0.003	0.0003	0.01	TOE	—
benzylbenzenecarbothiamide	14309-89-8	0.003	0.0003	0.01	TOE	—
D-Acetone glycerol	14347-78-5	0.003	0.0003	0.01	TOE	—
trans-cinnamaldehyde	14371-10-9	0.003	0.0003	0.01	TOE	—
decanamide, N,N-dimethyl-	14433-76-2	0.003	0.0003	0.01	TOE	—
2-methoxythiazole	14542-13-3	0.003	0.0003	0.01	TOE	—
fenchyl alcohol, alpha-	14575-74-7	0.003	0.0003	0.01	TOE	—
nitrate (as N)	14797-55-8	10	1	—	40 CFR §141.60, 40 CFR §141.62	—
nitrate + nitrite (both as N)	14797-55-8	10	1	—	40 CFR §141.60, 40 CFR §141.62	—
nitrite (as N)	14797-65-0	1	0.1	—	40 CFR §141.60, 40 CFR §141.62	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
perchlorate	14797-73-0	0.015	0.005	—	USEPA Interim Health Advisory Issue Date: 2008	Compliance to Single Product Allowable Concentrations based on US State or other regulatory levels may be demonstrated by establishing the SPAC as 1/3 of the regulatory level.
(E)-4-octene	14850-23-8	0.003	0.0003	0.01	TOE	—
chlorate	14866-68-3	1	0.~~2~~3	—	Health Canada MAC Issue date: 06/2008	—
chlorite	14998-27-7	1	0.1	—	40 CFR §141.64	—
furan, tetrahydro-2,2,5,5-tetramethyl-	15045-43-9	0.003	0.0003	0.01	TOE	—
4-hydroxy-3-methylbenzaldehyde	15174-69-3	0.003	0.0003	0.01	TOE	—
benzeneacetic acid, alpha-oxo-, methyl ester	15206-55-0	0.003	0.0003	0.01	TOE	—
radium 228	15262-20-1	5 pCi/L (total)	0.5 pCi/L (total)	—	40 CFR §141.15	Detections shall be summed with the following chemicals: CAS# 13982-63-3
2-methyl-1,5-pentanediamine	15520-10-2	0.003	0.0003	0.01	TOE	—
bromate	15541-45-4	0.010	0.0033	—	40 CFR §141.64	—
cis-1,2-Cyclohexanedimethanol	15753-50-1	0.003	0.0003	0.01	TOE	—
dimethylbenzaldehyde, 2,4-	15764-16-6	0.003	0.0003	0.01	TOE	—
benzyltriphenylphosphonium	15853-35-7	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
octane, 2,2-dimethyl-	15869-87-1	0.003	0.0003	0.01	TOE	—
alachlor	15972-60-8	0.002	0.0002	—	40 CFR §141.60, 40 CFR §141.61	—
thiocyanic acid, o-anilinophenyl ester	15973-81-6	0.003	0.0003	0.01	TOE	—
1,4-thoxane	15980-15-1	0.003	0.0003	0.01	TOE	—
1-bromo-3-chloro-5,5-dimethylhydantoin	16079-88-2	50	9	—	NSF action level External peer review date: 05/05/2010	—
norbornene, 5-ethylidene-2-	16219-75-3	0.003	0.0003	0.01	TOE	—
2,4-dimethylbenzyl alcohol	16308-92-2	0.003	0.0003	0.01	TOE	—
1-methyl-4-phosphorinanone	16327-48-3	0.003	0.0003	0.01	TOE	—
1,2,3,4,6,8-Alpha-hexahydro-1-isopropyl-4,7-dimethylnaphthalene	16728-99-7	0.003	0.0003	0.01	TOE	—
hexane, 2,3,4-trimethyl	16747-26-5	0.003	0.0003	0.01	TOE	—
fluoride	16984-48-8	1.2	1.2 (direct additive) 0.12 (contaminant)	—	40 CFR §141.60, 40 CFR §141.62	Recommendations for Using Fluoride to Prevent and Control Dental Caries in the United States, August 17, 2001 / Morbidity & Mortality Weekly Report 50 (RR14); 1-42.
1,6,11,16-Tetraoxacycloeicosane	17043-02-6	3 (total)	0.4 (total)	3 (total)	NSF action level External peer review date: 10/04/2002	Detections shall be summed with the following chemicals: CAS# 295-63-6, CAS# 56890-57-4, and CAS#

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
						64001-05-4
chlorosulfamic acid	17172-27-9	0.01	0.01	0.01	NSF action level External peer review date: 05/02/2012	__
4-acetamidobenzaldehyde n-(4-methoxyphenyl)imine	17224-12-3	0.003	0.0003	0.01	TOE	__
diethyl 2-ethoxysuccinate	17596-10-0	2	0.2	2	NSF action level External peer review date: 10/29/2009	__
benzene, 2-ethoxyethenyl-	17655-74-2	0.003	0.0003	0.01	TOE	__
1-(1-indanyliden)indan	17666-94-3	0.003	0.0003	0.01	TOE	__
tert-octyl isothiocyanate	17701-76-7	0.003	0.0003	0.01	TOE	__
benzenemethanol, 2-chloro-	17849-38-6	0.003	0.0003	0.01	TOE	__
2(3H)-benzoxazolimine 3-methyl-	18034-93-0	0.003	0.0003	0.01	TOE	__
phenol, o-(alpha, alpha-dimethylbenzyl)-	18168-40-6	0.003	0.0003	0.01	TOE	__
tetraethyleneglycol di-(2-ethylhexoate)	18268-70-7	0.003	0.0003	0.01	TOE	__
1-methoxy-4-(1-methyl-2-propenyl)-benzene	18272-83-8	0.003	0.0003	0.01	TOE	__
ethanedioic acid, bis(trimethylsilyl)ester	18294-04-7	0.003	0.0003	0.01	TOE	__
hexadecanoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl) methyl ester	18418-21-8	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
1-nonadecene	18435-45-5	0.003	0.0003	0.01	TOE	—
octadien-3-ol, 3,7-dimethyl-4,6-	18479-54-4	0.003	0.0003	0.01	TOE	—
spiro-[bicyclo[2.2.1]heptane-2,2'-[1,3]-dioxolane]-3-one, 1,7,7-trimethyl-	18501-56-9	0.003	0.0003	0.01	TOE	—
chromium VI	18540-29-9	0.02	0.002	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Agency consensus date: 04/28/1998	—
propenone, (dihydroxy methoxyphenyl) phenyl-	18956-15-5	0.003	0.0003	0.01	TOE	—
phosphonic acid, dioctadecyl ester	19047-85-9	0.003	0.0003	0.01	TOE	—
benzimidazolone, 4-methyl-	19190-68-2	0.003	0.0003	0.01	TOE	—
1,2,3,7,8,9-hexachloro-dibenzo-p-dioxin	19408-74-3	0.0000003	0.00000003		USEPA Toxic Equivalency Factor: 0.1	—
methyl m-hydroxybenzoate	19438-10-9	0.003	0.0003	0.01	TOE	—
1,3-dioxolane, 2,2-dipropanoic acid, diethyl ester	19719-88-1	0.003	0.0003	0.01	TOE	—
benzoxazole, N-methyl-2-	19776-98-8	0.003	0.0003	0.01	TOE	—
3,3-dimethyl-2-pentanol	19781-24-9	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
4,4'-methylenebis (2,6-diisopropylaniline)	19900-69-7	0.05	0.05	0.05	NSF action level External peer review date: 10/29/2009	—
tau-muurolol	19912-62-0	0.003	0.0003	0.01	TOE	—
phenylenediamine, N,N-bis(1,3-dimethylbutyl)-N'-phenyl-p-	19929-72-7	0.003	0.0003	0.01	TOE	—
3-oxazolidine ethanol	20073-50-1	0.003	0.0003	0.01	TOE	—
3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionic acid	20170-32-5	0.02 (total)	0.002 (total)	0.1 (total)	NSF action level External peer review date: 04/20/2004	Detections shall be summed with the following chemicals: CAS# 6386-38-5
hexen-2-one, 3-, 3,4-dimethyl-	20685-46-5	0.003	0.0003	0.01	TOE	—
4-formylbenzophenone	20912-50-9	0.01	0.01	0.01	NSF action level External peer review date: 04/18/2013	—
pentachlorobenzonitrile	20925-85-3	0.003	0.0003	0.01	TOE	—
3,5-pyridinedicarboxylic acid, 1,4-dihydro-4-methyl-2,6-diphenyl diethyl ester	20970-65-4	0.003	0.0003	0.01	TOE	—
metribuzin	21087-64-9	0.08	0.008	—	Health Canada MAC Issue date: 02/86	—
tonalid	21145-77-7	0.003	0.0003	0.01	TOE	—
2-propanol, 1-(2-propenyloxy)-	21460-36-6	0.003	0.0003	0.01	TOE	—
2-(thiocyanomethylthio)benzothiazole	21564-17-0	0.003	0.0003	0.01	TOE	—
hedycaryol	21657-90-9	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
cyanazine	21725-46-2	0.01	0.001	—	Health Canada MAC Issue date: 02/86	—
3,3-dimethoxy-2-butanone	21983-72-2	0.003	0.0003	0.01	TOE	—
ethanone, 1-[4-(methoxymethyl)phenyl]-	22072-50-0	0.003	0.0003	0.01	TOE	—
methyl-1 bicyclo[4.2.0]octa-1,3,5-triene, 3-	22250-74-4	0.003	0.0003	0.01	TOE	—
tetradecanoic acid, eicosylester	22413-00-9	0.003	0.0003	0.01	TOE	—
octadien-3-ol, 2,6-dimethyl-1,7-	22460-59-9	0.003	0.0003	0.01	TOE	—
trans-2,4-Diphenyl-4-methyl-2-pentene	22768-22-5	0.003	0.0003	0.01	TOE	—
bendiocarb	22781-23-3	0.04	0.004	—	Health Canada MAC Issue date: 02/86	—
methyl mercury	22967-92-6	0.0007	0.00007	—	Derived from the oral RfD on the USEPA IRIS database with a default 20% relative source contribution for drinking water. Verification date: 06/19/2001	—
oxamyl (vydate)	23135-22-0	0.2	0.02	—	40 CFR §141.60, 40 CFR §141.61	—
hydroxy (hydroxymethyl)ethyl hexadecanoate	23470-00-0	0.003	0.0003	0.01	TOE	—
pyridine, 1,2,3,6-tetrahydro-1,2,4,6-tetramethyl-, cis-	23513-16-8	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
alpha-amorphene	23515-88-0	0.003	0.0003	0.01	TOE	—
1,1-(3,3-dimethyl-1-butenylidene)bisbenzene	23586-64-3	0.003	0.0003	0.01	TOE	—
ethyl-4-ethoxybenzoate	23676-09-7	0.05	0.05	—	NSF action level Issue date: 11/17/99	—
5-methyl--6,7-dihydro-(5H)-cyclopentapyrazine	23747-48-0	0.003	0.0003	0.01	TOE	—
pentaoxahexadecanol	23778-52-1	0.003	0.0003	0.01	TOE	—
ethanediamide, N-(2-ethoxyphenyl)-N'-(2-ethylphenyl)-	23949-66-8	0.003	0.0003	0.01	TOE	—
cyclopentanol, 2-methyl-	24070-77-7	0.003	0.0003	0.01	TOE	—
pyrido(3,2-d) pyrimidin-4 (3d)-one	24410-22-8	0.003	0.0003	0.01	TOE	—
aniline, 2-ethyl-6-methyl-	24549-06-2	0.003	0.0003	0.01	TOE	—
4-methyl-1-indanone	24644-78-8	0.003	0.0003	0.01	TOE	—
acetophenone, 2,2-dimethoxy-2-phenyl-	24650-42-8	0.003	0.0003	0.01	TOE	—
cis-3,3,5-Trimethylcyclohexyl acetate	24691-16-5	0.003	0.0003	0.01	TOE	—
bromide	24959-67-9	10 (total)	1 (total)	10 (total)	NSF action level External peer review date: 09/21/2011	Detections shall be summed with the following chemicals: CAS# 7726-95-6
styrene, methyl- (mixed isomers)	25013-15-4	0.003	0.0003	0.01	TOE	—
methyl nadic anhydride	25134-21-8	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 10/17/2012	Detections shall be summed with the following chemicals: CAS# 85-42-7. CAS# 85-43-8, CAS# 11070-44-3 and CAS# 25550-

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
						51-0
decadien-1-al, trans,trans-2,4-	25152-84-5	0.003	0.0003	0.01	TOE	—
nonyl phenol	25154-52-3	0.02	0.002	—	NSF action level Issue date: 06/10/99	—
2,2,4-trimethyl-1,3-pentanediol monoisobytyrate	25265-77-4	0.4 (total)	0.04 (total)	5 (total)	NSF action level External peer review date: 05/10/2011	Detections shall be summed with the following chemicals: CAS# 77-68-9, CAS# 144-19-4, CAS# 6846-50-0, CAS# 74367-33-2 and CAS# 74367-34-3
methylhexahydrophthalic anhydride	25550-51-0	0.05 (total)	0.05 (total)	0.05 (total)	NSF action level External peer review date: 10/17/2012	Detections shall be summed with the following chemicals: CAS# 85-42-7. CAS# 85-43-8, CAS# 11070-44-3 and CAS# 25134-21-8
benzofuran, methyl-	25586-38-3	0.003	0.0003	0.01	TOE	—
poly(dimethyl diallyl ammonium chloride) (polyDADMAC)	26062-79-3	5	2	5	NSF action level External peer review date: 10/06/2010	—
tris(3-chloropropyl) phosphate	26248-87-3	0.003	0.0003	0.01	TOE	—
ethan-1-one, 1-(methylphenyl)-	26444-19-9	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
toluene diisocyanate	26471-62-5	0.008	0.0008	—	NSF action level Issue date: 06/99	Pass/fail criteria only for specifed mixture containing 80% 2,4-toluene diisocyanate (CAS# 584-84-9) and 20% 2,6-toluene diisocyanate (CAS# 91-08-7)
trichlorotrifluoroethane	26523-64-8	0.003	0.0003	0.01	TOE	—
2H,8H-benzo[1,2-b:5,4-b']dipyran-10-propanol, 5-methoxy-2,2,8,8-tetramethyl-	26535-37-5	0.003	0.0003	0.01	TOE	—
dioctyldiphenylamine	26603-23-6	0.003	0.0003	0.01	TOE	—
isooctanol	26952-21-6	0.003	0.0003	0.01	TOE	—
benzenemethanol, 3,5-dimethyl	27129-87-9	0.003	0.0003	0.01	TOE	—
naphthalene, ethyl	27138-19-8	0.003	0.0003	0.01	TOE	—
dipropylene glycol dibenzoate	27138-31-4	0.003	0.0003	0.01	TOE	—
phenol, (1,1,3,3-tetramethylbutyl)	27193-28-8	0.003	0.0003	0.01	TOE	—
propenoic acid, 2-methyl-2-, polymer with octadecyl-2-methyl-2-propenoate	27401-06-5	0.003	0.0003	0.01	TOE	—
Cyclohexenecarbonitrile	27456-25-3	0.003	0.0003	0.01	TOE	—
diethylene glycol monomethacrylate homopolymer	27598-43-2	0.003	0.0003	0.01	TOE	—
ammonium chloride, octadecyldimethyl{3-(trimethoxysilyl)propyl}	27668-52-6	0.003	0.0003	0.01	TOE	—
(5α,9α,10β)-kauran-16-ol	27898-42-6	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
1-ethyl-3-(phenylmethyl)-benzene	28122-24-9	0.003	0.0003	0.01	TOE	__
2,6-dimethyl-1-(phenylmethyl)-benzene	28122-29-4	0.003	0.0003	0.01	TOE	__
benzothiazole, ethylamino-	28291-69-2	0.003	0.0003	0.01	TOE	__
benzothiazole, 2-(cyclohexylamino)-	28291-75-0	0.003	0.0003	0.01	TOE	__
diisononyl phthalate	28553-12-0	0.8	0.08	__	IAPMO action level JPRSC consensus date: 10/29/2013	__
cyclohexanone, 2-(1-hydroxycyclohexyl)-	28746-99-8	0.003	0.0003	0.01	TOE	__
naphthalene, dimethyl-	28804-88-8	0.003	0.0003	0.01	TOE	__
formylmethylenetriphenylphosphorane	28900-91-6	0.003	0.0003	0.01	TOE	__
methylindene	29036-25-7	0.003	0.0003	0.01	TOE	__
2-methyl-5-propylpyrazine	29461-03-8	0.003	0.0003	0.01	TOE	__
cyclooctadiene, dichloro-	29480-42-0	0.003	0.0003	0.01	TOE	__
pyridine, trimethyl-	29611-84-5	0.003	0.0003	0.01	TOE	__
cadina-1,4-diene	29837-12-5	0.003	0.0003	0.01	TOE	__
di-propylene glycol n-butyl ether	29911-28-2	2	0.2	30	NSF action level External peer review date: 10/03/2002	__
dioxolane-1,3, 4-ethyl	29921-38-8	0.003	0.0003	0.01	TOE	__
cyclopentane, trimethyl	30498-64-7	0.003	0.0003	0.01	TOE	__
phenylcyclohexene	31017-40-0	0.003	0.0003	0.01	TOE	__
dodecane, 2,6,11-trimethyl-	31295-56-4	0.003	0.0003	0.01	TOE	__
cyclohexylurea, dimethyl-	31468-12-9	0.003	0.0003	0.01	TOE	__
binaphthyl sulfone	32390-26-4	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
bromophenol	32762-51-9	0.003	0.0003	0.01	TOE	__
octadecanoic acid, (2,2-dimethyl-1,3-dioxolan-4-yl) methyl ester	32852-69-0	0.003	0.0003	0.01	TOE	__
ethane, 1-(3-hydroxyphenyl)-2-phenyl-	33675-75-1	0.003	0.0003	0.01	TOE	__
benzenediamine, 5-chloro-1,3-	33786-89-9	0.003	0.0003	0.01	TOE	__
4-butoxy-1-butene	34061-76-2	0.003	0.0003	0.01	TOE	__
dihydrofuran, 4-methyl-2,3-	34314-83-5	0.003	0.0003	0.01	TOE	__
valeronitrile, 2,4-dimethyl-	34372-09-3	0.003	0.0003	0.01	TOE	__
5,6,7,8-tetrahydrochinoxaline	34413-35-9	0.003	0.0003	0.01	TOE	__
3,5-dichlorophenyl isocyanate	34893-92-0	0.003	0.0003	0.01	TOE	__
methylthioacetonitrile	35120-10-6	0.003	0.0003	0.01	TOE	__
bicyclo[4.2.0]octa-1,3,5-trien-7-ol	35447-99-5	0.003	0.0003	0.01	TOE	__
1,2,3,4,6,7,8-hepta-chlorodibenzo-p-dioxin	35822-46-9	0.000003	0.0000003	__	USEPA Toxic Equivalency Factor: 0.01	__
benzoic acid, mixed isomers (2,4- or 2,5-dichloro-)	35915-19-6	0.003	0.0003	0.01	TOE	__
aminopiperidine, 4, 2,2,6,6-tetramethyl-	36768-62-4	0.003	0.0003	0.01	TOE	__
phenol, 2,4-dibromo-, acetate	36914-79-1	0.003	0.0003	0.01	TOE	__
bioban P-1487	37304-88-4	0.4	0.04	2	NSF action level External peer review date: 10/30/2013	__
bisphenol A bis(polypropylene glycol) ether	37353-75-6	0.003	0.0003	0.01	TOE	__
oxamide, di-tert-butyl-	37486-48-9	0.003	0.0003	0.01	TOE	__
octylphenoxypentaethoxyethanol,	37809-81-7	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
tert-						
4-ethyl-1-oxide-quinazoline	37920-75-5	0.003	0.0003	0.01	TOE	—
butanetricarboxylic acid, 2-phosphono-, 1,2,4-	37971-36-1	0.003	0.0003	0.01	TOE	—
octaphenyl pentaethylene glycol ether, tert-	38621-31-7	0.003	0.0003	0.01	TOE	—
1,2,3,4,6,7,8,9-octachlorodibenzofuran	39001-02-0	0.0003	0.00003	—	USEPA Toxic Equivalency Factor: 0.0001	—
1,2,3,4,7,8-hexachloro-dibenzo-p-dioxin	39227-28-6	0.0000003	0.00000003	—	USEPA Toxic Equivalency Factor: 0.1	—
lanthanum hydroxide	39377-54-3	0.003	0.0003	0.01	TOE	—
1,3-dichloro-2-isocyanatobenzene	39920-37-1	0.003	0.0003	0.01	TOE	—
methyl, 4-acetyl-3-methoxybenzoate	39971-36-3	0.003	0.0003	0.01	TOE	—
1,2,3,7,8-penta-chlorodibenzo-p-dioxin	40321-76-4	0.00000003	0.000000003	—	USEPA Toxic Equivalency Factor: 1	—
n-ethyl-3-methoxyaniline	41115-30-4	0.003	0.0003	0.01	TOE	—
1,2-dichloro-3-isocyanatobenzene	41195-90-8	0.003	0.0003	0.01	TOE	—
phenoxypropanol, 1- (or 2-)	41593-38-8	0.003	0.0003	0.01	TOE	—
propane, 1,1-dimethoxy-2-methyl	41632-89-7	0.003	0.0003	0.01	TOE	—
dihydrodicyclopentadienol	42554-02-9	0.003	0.0003	0.01	TOE	—
tripropylene glycol diacrylate	42978-66-5	0.003	0.0003	0.01	TOE	—
2-propene-1-amine, n,n-(1-methylethyl)-	44898-60-4	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
propanaminium chloride, N,N,N-trimethyl-3-((1-oxo-2-propenyl)amino)-1-	45021-77-0	0.003	0.0003	0.01	TOE	__
3,3,4-trimethyldecane	49622-18-6	0.003	0.0003	0.01	TOE	__
ethanol, 2-[2-[2-[2[(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethoxy]-	49796-75-0	0.003	0.0003	0.01	TOE	__
tetrahydrofuran, diphenyl-	50637-09-7	0.003	0.0003	0.01	TOE	__
trimethylcyclohexanone	50874-76-5	0.003	0.0003	0.01	TOE	__
2,3,7,8-tetrachlorodibenzofuran	51207-31-9	0.0000003	0.00000003	__	USEPA Toxic Equivalency Factor: 0.1	__
metolachlor	51218-45-2	0.05	0.005	__	Health Canada MAC Issue date: 02/86	__
diclofop-methyl	51338-27-3	0.009	0.0009	__	Health Canada MAC Issue date: 03/87	__
1-tert-butoxy-2-ethoxyethane	51422-54-9	0.003	0.0003	0.01	TOE	__
phenol, (phenylethyl)-	51937-33-8	0.003	0.0003	0.01	TOE	__
octadecenoic acid, 6-, methyl ester	52355-31-4	0.003	0.0003	0.01	TOE	__
decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl)-	52829-07-9	0.003	0.0003	0.01	TOE	__
hexen-2-one, 4-, 3,4-dimethyl-	53252-21-4	0.003	0.0003	0.01	TOE	__
di(2-propylheptyl) phthalate	53306-54-0	0.4	0.04	2	NSF action level External peer review date: 10/10/2006	__
n-(2,2-dimethylpropyl)-n-methyl-benzenamine	53927-61-0	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
2,5-dimethylbenzyl alcohol	53957-33-8	0.003	0.0003	0.01	TOE	__
2H-pyranmethanol, tetrahydro-2,5-dimethyl	54004-46-5	0.003	0.0003	0.01	TOE	__
benzene, ethyl-1,2,4-trimethyl-	54120-62-6	0.003	0.0003	0.01	TOE	__
1-(2-methyl-1-pyrrolo(2,1,5-Cd)-indolizinyl)ethanone	54398-68-4	0.003	0.0003	0.01	TOE	__
4,6,8-trimethyl-1-nonene	54410-98-9	0.003	0.0003	0.01	TOE	__
ethanone, 1-(4-(1-hydroxy-1-methylethyl)phenyl)-	54549-72-3	0.003	0.0003	0.01	TOE	__
ethanol, 2-(4- (1-methylethyl)phenoxy)-	54576-35-1	0.003	0.0003	0.01	TOE	__
methylcarbamate, methyl N-butyl-N-	54644-60-9	0.003	0.0003	0.01	TOE	__
2-furanmethanol, tetrahydro-5-methyl, trans-	54774-28-6	0.003	0.0003	0.01	TOE	__
2H-pyrano[2,3f]isoquinolin-2-one	54852-71-0	0.003	0.0003	0.01	TOE	__
1,1'-(1,2-dimethyl-1,2-ethanediyl)bis-cyclohexane	54889-87-1	0.003	0.0003	0.01	TOE	__
benzeneacetic acid, .alpha.-(acetyloxy)-.alpha.-methyl-ester	55012-78-7	0.003	0.0003	0.01	TOE	__
3,5-dicyclohexyl-4-hydroxy-benzoic acid methyl ester	55125-23-0	0.003	0.0003	0.01	TOE	__
1,5-pentanediol, monobenzoate	55162-82-8	0.003	0.0003	0.01	TOE	__
pyrrolidinone, 1-decyl-2-	55257-88-0	0.003	0.0003	0.01	TOE	__
1,4-dimethyl-2-octadecyl-cyclohexane	55282-02-5	0.003	0.0003	0.01	TOE	__
1-hexadecyl-2,3-dihydro-1H-indene	55334-29-7	0.003	0.0003	0.01	TOE	__
bicyclo[4.2.0]octa-1,3,5-trene, 7-	55337-80-9	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
methyl-						
1H-Indene-4-methanol, 2,3-dihydro-1,1-dimethyl-	55591-09-8	0.003	0.0003	0.01	TOE	—
1,2,3,4,7,8,9-hepta-chlorodibenzofuran	55673-89-7	0.000003	0.0000003	—	USEPA Toxic Equivalency Factor: 0.01	—
6,7-diethyl-1,2,3,4-tetrahydro-1,2,3,4-tetramethyl-	55741-10-1	0.003	0.0003	0.01	TOE	—
n-(3-butenyl)dimethylamine	55831-89-5	0.003	0.0003	0.01	TOE	—
2-propanol, 1-[1-methyl-2-(2-propenyloxy)ethoxy]-	55956-25-7	0.003	0.0003	0.01	TOE	—
3-ethyl-4-phenyl-2(3H)-thiazolethione	55976-02-8	0.003	0.0003	0.01	TOE	—
1,3-dimethoxy-5,7-dihydrobenz[c,e]oxepine	56008-53-8	0.003	0.0003	0.01	TOE	—
benzene,1,1'-[(1-propenylthio)methylene]bis-, (E)-	56195-65-4	0.003	0.0003	0.01	TOE	—
benzene, 1,1'-[(1-propenylthio)methylene]bis-, (Z)-	56195-66-5	0.003	0.0003	0.01	TOE	—
2-(2-(2-mercaptoethoxy)ethoxy)-ethanol	56282-36-1	0.003	0.0003	0.01	TOE	—
diazacyclotetradecane-2,9-dione, 1,8-	56403-09-9	0.003	0.0003	0.01	TOE	—
isoindole, 2H-, 4,7-dione	56460-94-7	0.003	0.0003	0.01	TOE	—
(2-phenyl-1,3-dioxolan-4-yl) methyl ester octadecanoic acid	56599-43-0	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
4,4,5-trimethyl-2-pentadecyl-1,3-dioxolane	56599-79-2	0.003	0.0003	0.01	TOE	__
1,6,11,16,21-Pentaoxacyclopentacosane	56890-57-4	3 (total)	0.4 (total)	3 (total)	NSF action level External peer review date: 10/04/2002	Detections shall be summed with the following chemicals: CAS# 295-63-6, CAS# 17043-02-6, and CAS# 64001-05-4
2,3,4,7,8- penta-chlorodibenzofuran	57117-31-4	0.00000006	0.000000006	__	USEPA Toxic Equivalency Factor: 0.05	__
1,2,3,7,8-penta-chlorodibenzofuran	57117-41-6	0.0000006	0.00000006	__	USEPA Toxic Equivalency Factor: 0.05	__
1,2,3,6,7,8-hexachloro-dibenzofuran	57117-44-9	0.0000003	0.00000003	__	USEPA Toxic Equivalency Factor: 0.1	__
6-oxabicyclo[3.2.1]octan-7-one, 1,5-dimethyl-8-[2-[3-(1-methylethyl)phenyl]ethyl]-, (1R-syn)-	57119-17-2	0.003	0.0003	0.01	TOE	__
n-ethyl-n,4-dimethylbenzenesulfonamide	57186-68-2	0.003	0.0003	0.01	TOE	__
octadecenoic acid, 7-, methyl ester	57396-98-2	0.003	0.0003	__	TOE	__
1,2,3,6,7,8-hexachloro-dibenzo-p-dioxin	57653-85-7	0.0000003	0.00000003	__	USEPA Toxic Equivalency Factor: 0.1	__
cresol, alpha-ethoxy-p-	57726-26-8	0.003	0.0003	0.01	TOE	__
2,2-dimethyl-bis(1-methylpropyl)ester butanedioic acid	57923-28-5	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
(ethoxymethoxy) cyclododecane	58567-11-6	0.05 (total)	0.05 (total)	4 (total))	NSF action level External peer review date: 04/22/2014	Detections shall be summed with the following chemicals: CAS# 830-13-7 and CAS# 1724-39-6
ethanol, 2-[2-[2-[(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethoxy]-	58705-51-4	0.003	0.0003	0.01	TOE	__
1-methoxy-2-t-butyl-6-methylbenzene	60772-80-7	0.003	0.0003	0.01	TOE	__
2,3,4,6,7,8-hexachloro-dibenzofuran	60851-34-5	0.0000003	0.00000003	__	USEPA Toxic Equivalency Factor: 0.1	__
3-butene-1-amine, n-ethyl-n-methyl-	61308-10-9	0.003	0.0003	0.01	TOE	__
castor oil, hydrogenated, ethoxylated	61788-85-0	0.003	0.0003	0.01	TOE	__
quaternary ammonium, ditallow dimethyl chloride	61789-80-8	0.003	0.0003	0.01	TOE	__
soya alkylamines, ethoxylated	61791-24-0	0.003	0.0003	0.01	TOE	__
a-methyl-a-(1-methyl-2-propenyl)-benzenemethanol	61967-11-1	0.003	0.0003	0.01	TOE	__
octane, 2,2,6-trimethyl	62016-28-8	0.003	0.0003	0.01	TOE	__
2,6,7-trimethyl decane	62108-25-2	0.003	0.0003	0.01	TOE	__
2,4,6-trimethyl-decane	62108-27-4	0.003	0.0003	0.01	TOE	__
phenyl (1-phenyl-2-propyl) thioether	62252-49-7	0.003	0.0003	0.01	TOE	__
quinoline, 3,4-dihydro-2,4,4-trimethyl-	63177-93-5	0.003	0.0003	0.01	TOE	__
benzothiazole, 2-methoxy-	63321-86-8	0.003	0.0003	0.01	TOE	__

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
pyridine, 1,2,3,4-tetrahydro-1,2,2,6-tetramethyl-	63867-76-5	0.003	0.0003	0.01	TOE	—
1,6,11,16,21,26-Hexaoxacyclotriacontane	64001-05-4	3 (total)	0.4 (total)	3 (total)	NSF action level External peer review date: 10/04/2002	Detections shall be summed with the following chemicals: CAS# 295-63-6, CAS# 17043-02-6, and CAS# 56890-57-4
3-methyl-3-(2-methyl-3-benzofuranyl)phthalide	64042-54-2	0.003	0.0003	0.01	TOE	—
diphenylamine, 4-(diisopropylamino)	64092-29-1	0.003	0.0003	0.01	TOE	—
3-methyl-pyrrolo (1,2-A) pyrazine	64608-61-3	0.003	0.0003	0.01	TOE	—
acetamidoacetaldehyde	64790-08-5	0.003	0.0003	0.01	TOE	—
benzalazine	64896-26-0	0.003	0.0003	0.01	TOE	—
benzene, (2-methoxy-1-methylethyl)-	65738-46-7	0.003	0.0003	0.01	TOE	—
benzoic acid, 2,4,6-tris(1,1-dimethylethyl)-	66415-27-8	0.003	0.0003	0.01	TOE	—
benzaldehyde, tert-butylmethyl-	66949-23-3	0.003	0.0003	0.01	TOE	—
1,2,3,4,6,7,8-hepta-chlorodibenzofuran	67562-39-4	0.000003	0.0000003	—	USEPA Toxic Equivalency Factor: 0.01	—
diethyltoluenediamine, mixed isomers	68479-98-1	0.0006 (total)	0.00006 (total)	0.0006 (total)	NSF action level External peer review date: 10/06/2010	Detections shall be summed with the following chemicals: CAS# 75389-89-8
alkenes, C6-10, hydroformylation products, high boiling	68526-82-9	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
alcohols, C12-C15, ethoxylated propoxylated	68551-13-3	0.003	0.0003	0.01	TOE	—
dimethyl ditallow ammonium chloride	68783-78-8	0.003	0.0003	0.01	TOE	—
1,3,7,7-tetramethyl-2,11-dioxa-3,5-bicyclo(4.4.1)undecadien-10-one	70412-52-1	0.003	0.0003	0.01	TOE	—
1,2,3,4,7,8-hexachloro-dibenzofuran	70648-26-9	0.0000003	0.00000003	—	USEPA Toxic Equivalency Factor: 0.1	—
benzenedicarboxylic acid, 1,2-, bis(2-propylpentyl) ester	70910-37-1	0.003	0.0003	0.01	TOE	—
3-isopropoxy-1,1,1,7,7,7-hexamethyl-3,5,5-tris(trimethylsiloxy)tetrasiloxane	71579-69-6	0.003	0.0003	0.01	TOE	—
hexen-2-one, 3-methyl-4-	72189-24-3	0.003	0.0003	0.01	TOE	—
1,2,3,7,8,9-hexachloro-dibenzofuran	72918-21-9	0.0000003	0.00000003	—	USEPA Toxic Equivalency Factor: 0.1	—
poly(oxy-1,2-ethanediyl), a-isotridecyl-w-hydroxy-, phosphate	73038-25-2	0.003	0.0003	0.01	TOE	—
4,4-dimethyl-13.alpha.-androst-5-ene	73495-94-0	0.003	0.0003	0.01	TOE	—
oxononan-1-al, 4-	74327-29-0	0.003	0.0003	0.01	TOE	—
propanoic acid, 2-methyl-, 2,2-dimethyl-1-(2-hydroxy-1-methylethyl)propyl ester	74367-33-2	0.4 (total)	0.04 (total)	5 (total)	NSF action level External peer review date: 05/10/2011	Detections shall be summed with the following chemicals: CAS# 77-68-9, CAS# 144-19-4, CAS# 6846-50-0, CAS# 25265-77-4 and CAS# 74367-34-3

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
propanoic acid, 2-methyl-, 3-hydroxy-2,4,4-trimethylpentyl ester	74367-34-3	0.4 (total)	0.04 (total)	5 (total)	NSF action level External peer review date: 05/10/2011	Detections shall be summed with the following chemicals: CAS# 77-68-9, CAS# 144-19-4, CAS# 6846-50-0, CAS# 25265-77-4 and CAS# 74367-33-2
propanoic acid, 2-methyl-, 1-(1,1-dimethylethyl)-2-methyl-1, 3-propanediyl ester	74381-40-1	0.003	0.0003	0.01	TOE	—
3,3-dimethyl-1-octene	74511-51-6	0.003	0.0003	0.01	TOE	—
nonylcyclopropane	74663-85-7	0.003	0.0003	0.01	TOE	—
diethyltoluenediamine, mixed isomers	75389-89-8	0.0006 (total)	0.00006 (total)	0.0006 (total)	NSF action level External peer review date: 10/06/2010	Detections shall be summed with the following chemicals: CAS# 75389-89-8
benzyltriphenylphosphonium, salt with 4,4'-(2,2,2-trifluoro-1-(trifluoromethyl) ethylidene)bis(phenol) (1:1)	75768-65-9	0.003	0.0003	0.01	TOE	—
bis(1-chloropropan-2-yl) 2-chloropropyl phosphate	76025-08-6	0.003	0.0003	0.01	TOE	—
1-phenyl-4,5-dimorpholino-4,5-dihydroimidazole	76458-32-7	0.003	0.0003	0.01	TOE	—
1-chloropropan-2-yl bis(2-chloropropyl) phosphate	76649-15-5	0.003	0.0003	0.01	TOE	—
decane, 1-methyl-3,5,7-triaza-1-azoniatricyclo(3.3.1.1(3,7))	76902-90-4	0.003	0.0003	0.01	TOE	—
3,5-di-tert-butylchlorobenzene	80438-67-1	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
1,2 diphenyl-1,2-hexanediol	80475-19-0	0.003	0.0003	0.01	TOE	—
carbamothioic acid dimethyl OO'-11'- biphenyl-22'diyl ester	81056-07-7	0.003	0.0003	0.01	TOE	—
oxaspirodecadienedione, di-(t-butyl)	82304-66-3	0.003	0.0003	0.01	TOE	—
2-chloro-4,6-dimethyoxybenzamine	82485-84-5	0.003	0.0003	0.01	TOE	—
propanedial, 2-(phenylmethylene)-	82700-43-4	0.003	0.0003	0.01	TOE	—
n-benzoyl-3-methylpiperidine	85237-73-6	0.003	0.0003	0.01	TOE	—
methylene bis(n-iso-butylbenzenamine)	88990-59-4	0.003	0.0003	0.01	TOE	—
isoalkanes, C9-C12	90622-57-4	0.003	0.0003	0.01	TOE	—
pyridine, 1,2,3,6-tetrahydro-1,2,3,4-tetramethyl-	90949-18-1	0.003	0.0003	0.01	TOE	—
pyridine, 1,2,3,6-tetrahydro-1,2,4,5-tetramethyl-	90949-19-2	0.003	0.0003	0.01	TOE	—
pyridine, 1,2,3,6-tetrahydro-1,4,5,6-tetramethyl-	90949-20-5	0.003	0.0003	0.01	TOE	—
1-ethoxy-2-phenylmethyl benzene	91404-27-2	0.003	0.0003	0.01	TOE	—
ethanone, 1-[4-(ethoxymethyl)phenyl]-	93205-94-8	0.003	0.0003	0.01	TOE	—
tetrathiacyclooctadecane, 1,3,10,12-tetraoxa-6,7,15,16-	99634-55-6	0.003	0.0003	0.01	TOE	—
benzo(b)fluorenone	99707-95-6	0.003	0.0003	0.01	TOE	—
phenanthrene-1,2-dicarboxylic acid	100578-69-6	0.003	0.0003	0.01	TOE	—
cyanobacterial toxin (microcystin-LR)	101043-37-2	0.0015	0.00015	—	Health Canada MAC Issue date: 04/02	—
1,2,3,4-tetrahydro-9-propyl anthracene	101580-33-0	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
7,8-dihydro-2,4,8,8-tetramethyl-6H-cyclohepta[b]pyrrole	102635-63-2	0.003	0.0003	0.01	TOE	—
3,6-heptanooxepin-4,5-dicarbonaure-dimethylester	102652-08-4	0.003	0.0003	0.01	TOE	—
2H-benz[f]isoindole-1-carbonitrile, 8-(dimethylamino)-2-(1,1-dimethylethyl)-	103836-41-5	0.003	0.0003	0.01	TOE	—
4H-benzo[a]quinolizine-1-carboxylic acid, 6,7-dihydro-4-oxo-3-phenyl-,methyl ester	104628-87-7	0.003	0.0003	0.01	TOE	—
benzaldehyde, hydroxymethoxy-	106799-60-4	0.003	0.0003	0.01	TOE	—
(E)-2-hydroxy-4'-methoxystilbene	110598-56-6	0.003	0.0003	0.01	TOE	—
ethanone, 1-[3-(methoxymethyl)phenyl]-	112766-37-7	0.003	0.0003	0.01	TOE	—
2-phenylcyclohexanecarboxylic acid	113215-84-2	0.003	0.0003	0.01	TOE	—
3-(2-benzoylpropanoyl)-2-oxazolidinone	116782-24-2	0.003	0.0003	0.01	TOE	—
1-methylbicyclo[3,2,1]octane	119972-41-7	0.003	0.0003	0.01	TOE	—
3,3a,5,11-b-tetrahydro-5-hydroxy-7-methoxy-5-methyl-2H-furo[3,2-b]naphtho[2,3-d]pyran-2,6,11-trione	121638-14-0	0.003	0.0003	0.01	TOE	—
pyridine, 1,2,3,6-tetrahydro-1,3,3,6-tetramethyl-	122913-54-6	0.003	0.0003	0.01	TOE	—
6-(p-t-butylphenoxy)-1,3-dihydro-1,3-diiminoisoindole	125023-52-1	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
1H-pyrrolo[1,2-a]benzimidazole,2,3-dihydro-2-methyl-	134856-49-8	0.003	0.0003	0.01	TOE	—
ethyl 6,8-di-t-butyl-2-oxo-2H-chromene-4-carboxylate	136106-29-1	0.003	0.0003	0.01	TOE	—
phosphoric acid, 2-chloro-1-methylethyl bis(3-chloropropyl) ester	137888-35-8	0.003	0.0003	0.01	TOE	—
phosphoric acid, bis(2-chloro-1-methylethyl) 3-chloropropyl ester	137909-40-1	0.003	0.0003	0.01	TOE	—
propenamide, 3-(2-methylphenyl)-2-	146669-23-0	0.003	0.0003	0.01	TOE	—
pyridine, 1,2,5,6-tetrahydro-2,2,5,5-tetramethyl-	155904-89-5	0.003	0.0003	0.01	TOE	—
1H-indole, 1,3-dimethyl-5,6-dimethoxy-(2-(4-methoxyphenyl))-	156785-73-8	0.003	0.0003	0.01	TOE	—
1,2-cyclohexane dicarboxylic acid, di-isononyl ester (DINCH)	166412-78-8	5	0.5	5	NSF action level External peer review date: 10/15/2008	—
fatty acids, C12-21 and C18-unsaturated, 2,2,6,6-tetramethyl-4-piperidinyl esters	167078-06-0	0.05	0.05	0.05	NSF action level External peer review date: 05/06/2010	—
pyridine, 2,3,4,5-tetrahydro-2,2,4,6-tetramethyl-	200561-41-7	0.003	0.0003	0.01	TOE	—
3-methyl-4-phenyl-1-hexen-4-ol	344308-86-7	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
1,2-cyclohexane dicarboxylic acid, di-isononyl ester (DINCH)	474919-59-0	5	0.5	5	NSF action level External peer review date: 10/15/2008	—
pentanoic acid, 2,2,4-trimethyl-3-carboxyisopropyl, isobutyl ester	1000140-77-5	0.003	0.0003	0.01	TOE	—
butyltin compounds (mono- and di- only)	Multiple Chemicals	0.02 (total)	0.004 (total)		NSF action level Issue date: 12/19/91	—
methyltin compounds (mono- and di- only)	Multiple Chemicals	0.03 (total)	0.006 (total)		NSF action level Issue date: 12/19/91	—
cyanovaleric acid, 4-	Unavailable	0.003	0.0003	0.01	TOE	—
phenol, 3,5-dibenzyl-2,4,6-trimethyl-	Unavailable	0.003	0.0003	0.01	TOE	—
tri(1,2-propyleneglycol) monoethylether	Unavailable	0.003	0.0003	0.01	TOE	—
2-methyl-6,7-(methylenedioxy)-2-phenyl-2H-1-benzopyran	Unavailable	0.003	0.0003	0.01	TOE	—
2-methyl-3-(2-hydroxyphenyl)-3,4-dihydro-1(2H)-isoquinoline-4-carboxylate	Unavailable	0.003	0.0003	0.01	TOE	—
tetraethylene glycol monobutyl monomethyl ether	Unavailable	0.003	0.0003	0.01	TOE	—
BHT aldehyde	Unavailable	0.003	0.0003	0.01	TOE	—
4,4'-bis(tetrahydrothiopyran)	Unavailable	0.003	0.0003	0.01	TOE	—
2,4-dipropyl-5-ethyl-1,3-dioxane	Unavailable	0.003	0.0003	0.01	TOE	—

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information
bicyclo[5.3.0]decane, 2-methylene-5-(1-methylvinyl)-8-methyl-	Unavailable	0.003	0.0003	0.01	TOE	—
5-hydroxy-1,3,4-trimethoxy-7-methyl-6-proparagynaphthalene	Unavailable	0.003	0.0003	0.01	TOE	—
(3H)indazole, 3,3-dimethyl-	Unavailable	0.003	0.0003	0.01	TOE	—

[1] The references for criteria based on U. S. primary drinking water regulations are from the U. S. Code of Federal Regulations, Title 40 (Protection of Environment), revised as of July 1, 2011. This document is available on-line at <http://www.gpo.gov/fdsys/browse/collectionCfr.action?collectionCode=CFR>. Issue dates are given for criteria based on Health Canada guidelines. Additional information on the guidelines for these chemicals is available at http://hc-sc.gc.ca/ewh-semt/pubs/water-eau/index-eng.php#tech_doc.

[2] NSF action levels have been derived according to the requirements of NSF/ANSI 60 – Annex A or NSF/ANSI 61 – Annex A.

[3] Criteria are derived from the oral RfD on the USEPA IRIS database as follows:
Oral RfD (mg /kg-d) x (70 kg /2 L/d) x relative source contribution factor = TAC (mg/L)
where:
70 kg = assumed adult body weight
2 L/d = assumed adult water consumption
relative source contribution factor = percentage of daily exposure to the substance represented by drinking water (default value is 20%)
Other criteria have been used directly, unless otherwise noted.

[4] The IRIS verification date represents the date the oral RfD or the cancer risk assessment was peer reviewed by the USEPA. Refer to the online IRIS database for the complete update and revision history of the IRIS files: <www.epa.gov/IRIS>.

[5] Toxic Equivalency Factors (TEFs) have been established as a means to compare the potency of 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) to individual congeners of polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), and polychlorinated biphenyls (PCBs). The USEPA uses an approach to dioxin risk assessment methodology in which levels of dioxins and furans are analytically determined, the concentration of each congener is multiplied by its respective TEF value, and all the products are totaled to a single 2,3,7,8-TCDD equivalent.

Van den Berg et al. 1998. Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife. Environmental Health Perspectives 106(12):775:792.

Substance	CAS #	MCL/MAC or TAC (mg/L)	SPAC (mg/L)	STEL (mg/L)	Source of Supporting Documentation [1, 2, 3, 4, 5, 6, 7]	Additional Information

U.S. Environmental Protection Agency. 2000. Chapter 9: Toxic Equivalency Factors (TEFs) for Dioxin and Related Compounds. From Exposure and Human Health Risk Assessment of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (TCDD) and Related Compounds. Part II: Health Assessment for 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) and Related Compounds. NCEA-I-0386. September 2000. SAB Review Draft. www.epa.gov/ncea/pdfs/dioxin/part2/fm-chap9.pdf

[6] For the chemicals listed in this table under the Threshold of Evaluation (TOE), the evaluation criteria are 0.003 mg/L under static conditions, and 0.0003 mg/L under flowing conditions. If any of these chemicals are detected at concentrations exceeding the threshold of evaluation, toxicity data shall be reviewed to determine whether specific TAC and SPAC values can be established, prior to using threshold of evaluation to determine compliance with the Standard.

[7] Effect April 17, 2013, CSA Group, NSF International, IAPMO R&T, UL, and the Water Quality Association use harmonized procedures outlined in Annex A of NSF/ANSI Standards 60 and 60 to develop action levels for unregulated drinking water contaminants. The Joint Peer Review Steering Committee (JPRSC) was established by the aforementioned certifying agencies to consolidate current pass/fail criteria and to harmonize the external per review process for future risk assessments. As part of the consolidation process, pass/fail criteria may be adopted following consensus approval of the members of the JPRSC. Sources of the pass/fail criteria approved by the JPRSC may include risk assessments submitted by each certifying agency as well as assessments based upon authoritative agencies (i.e. U.S. EPA, Health Canada).

[8] TT = treatment technique. For Standard 61 only, the lead and copper rule requirement that defines corrosion control optimization for large systems is based on the difference between the 90th percentile lead level and the source water lead concentration being less that the practical quantitation level of 5 ppb (Code of Federal Regulations 40 CFR – Part 141.81(b)(3)).

[9] For Standard 61, section 9 products other than supply stops, flexible plumbing connectors, and miscellaneous components, a Q statistic value of 5 µg lead for a 1 L (0.26 gal) draw is used as the evaluation criteria. For supply stops, flexible plumbing connectors, and miscellaneous section 9 devices, a Q statistic value of 3 µg lead for a 1-L (0.26-gal) draw is used as the evaluation criterion.

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