Joint Committee Issue Paper

NSF Standard(s) Impacted: NSF/ANSI 184 - 2010 Residential Dishwashers

**Topic:** Update detergent description for soil removal test

**Background:**
Provide a brief background statement indicating the cause and nature of concern, the impacts identified relevant to public health, public understanding, etc, and any other reason why the issue should be considered by the Committee. Reference as appropriate any specific section(s) of the standard(s) that are related to the issue.

NSF/ANSI 184 soil removal test (cl. 6.1) prescribes the detergent used for testing (cl. 6.1.2, para. 5, sentences 1 - 3; also, footnotes at bottom of page):

”The detergent shall be loaded into the dishwasher following the manufacturer's instructions. The detergent(s) used for assessing the soil removal shall be one of the following: Cascade,® Sunlight,® Electrasol,® or the equivalent. An equivalent detergent may be used if it is used by at least 25% of the U. S. domestic market during the past calendar year.

7 Cascade®, Proctor and Gamble, Cincinnati, OH 45202 www.cascadeclean.com
8 Sunlight®, Lever Brothers Company, Greenwich, CT 06836 www.unilever.com
9 Electrasol®, Benckiser Consumer Products, Inc., Greenwich, CT 06831 www.electrasol.com"

Detergent may be characterized by brand, type (e.g. powder, unit dose, liquid), and name (e.g. Base, Complete, Platinum). Depending on the method of characterization and grouping, 25% may not be possible. A more detailed detergent description is recommended. In addition, across brand data may not be available for the immediate past calendar 12 months.

ANSI/AHAM DW-1 – 2010 (Household Electric Dishwashers), cl. 4.1 for detergent reads, with footnote:

”4.1 Detergent. Use 0.5% concentration in pre-wash and main wash cycles of dry weight detergent as determined by water quantities. Carry-over water can be considered. Laboratories need to ascertain that the detergent is fresh and not a special test market detergent.

2 Use Cascade with the Grease Fighting Power of Dawn powder national formula or equivalent.”

**Recommendation:**
Clearly state what action is needed: e.g., recommended changes to the standard(s) including the current text of the relevant section(s) indicating deletions by use of strike-out and additions by highlighting or underlining; e.g., reference of the issue to a Task Group for detailed consideration; etc.

The following proposed change to NSF/ANSI 184, cl. 6.1.2, para. 5, sentences 1 - 3, is respectfully submitted:

”The detergent shall be loaded into the dishwasher following the manufacturer's instructions. The detergent(s) used for assessing the soil removal shall be one of the following: Cascade,® Sunlight,® Electrasol® or the equivalent. An equivalent detergent may be used if it is used by at least 25% of one of the three most commonly used in the U. S. domestic market during the past calendar year. Commonality is characterized by brand, type (e.g. powder, unit dose, liquid), and name (e.g. Base, Complete, Platinum.”

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Supplementary Materials (photographs, diagrams, reports, etc.):
If not provided electronically, the submitter will be responsible to have sufficient copies to distribute to committee members.

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Submission Date: 3 October 2014

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Email completed form to the Standards Department: standards@nsf.org.

*Type written name will suffice as signature