SAFETY DATA SHEET

Alpha-HP Multi-Surface Cleaner

Version Number: 1
Preparation date: 2014-05-30

1. IDENTIFICATION

Product name: Alpha-HP Multi-Surface Cleaner
Product Code: 3350727, 3350743, 3401512
SDS #: MS0800296
Recommended use:
• Cleaner
  • This product is intended to be diluted prior to use
Uses advised against:
Uses other than those identified are not recommended

Manufacturer, importer, supplier:
US Headquarters
Sealed Air
8215 Forest Point Blvd.
Charlotte, NC 28273-5509
Phone: 1-888-352-2249
SDS Internet Address: https://sds.sealedair.com

Emergency telephone number:
1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Precautionary Statements

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ 1:64

Precautionary Statements

None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol n-propyl ether</td>
<td>1569-01-3</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>68584-22-5</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>Ethoxylated linear alcohol</td>
<td>68439-45-2</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>3 - &lt; 5%</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

Undiluted Product:

**Eyes:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.
**Skin:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.
**Inhalation:** No specific first aid measures are required.
**Ingestion:** Rinse mouth with water.

**Most Important Symptoms/Effects:** No information available.
**Immediate medical attention and special treatment needed:** Not applicable.
**Aggravated Medical Conditions:** None known.

Diluted Product:

**Eyes:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.
**Skin:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.
**Inhalation:** No specific first aid measures are required.
**Ingestion:** Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

**Specific methods:** No special methods required
**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
**Specific hazards:** Decomposition releases oxygen, which may intensify fire.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
**Extinguishing media which must not be used for safety reasons:** No information available.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Not relevant to the product itself.
**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Mix only with water. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. May react to release hazardous gases. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.
**Aerosol Level (if applicable):** Not applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol n-propyl ether</td>
<td>1569-01-3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>68584-22-5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethoxylated linear alcohol</td>
<td>68439-45-2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>1 ppm (TWA)</td>
<td>1 ppm (TWA)</td>
</tr>
</tbody>
</table>

Undiluted Product:

**Engineering measures to reduce exposure:** No special ventilation requirements. General room ventilation is adequate.

**Personal Protective Equipment**

- **Eye protection:** No personal protective equipment required under normal use conditions.
- **Hand protection:** No personal protective equipment required under normal use conditions.
- **Skin and body protection:** No personal protective equipment required under normal use conditions.
**Respiratory protection:** No special requirements under normal use conditions.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

### Diluted Product:

#### Personal Protective Equipment

<table>
<thead>
<tr>
<th>Protection Type</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye protection</td>
<td>No personal protective equipment required under normal use conditions.</td>
</tr>
<tr>
<td>Hand protection</td>
<td>No personal protective equipment required under normal use conditions.</td>
</tr>
<tr>
<td>Skin and body protection</td>
<td>No personal protective equipment required under normal use conditions.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>No personal protective equipment required under normal use conditions.</td>
</tr>
<tr>
<td>Hygiene measures</td>
<td>Handle in accordance with good industrial hygiene and safety practice.</td>
</tr>
</tbody>
</table>

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point/temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
</tr>
<tr>
<td>Density (specific gravity)</td>
<td>8.45 lbs/gal 1.013 Kg/L</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 200 °F &gt; 93.3 °C</td>
</tr>
<tr>
<td>Dilution Flash Point</td>
<td>&gt; 200 °F &gt; 93.3 °C</td>
</tr>
<tr>
<td>Elemental Phosphorus</td>
<td>0.00 % by wt.</td>
</tr>
<tr>
<td>pH</td>
<td>1.2</td>
</tr>
<tr>
<td>Dilution pH</td>
<td>2.5 @ 1:64</td>
</tr>
<tr>
<td>Metal Corrosion</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

#### Physical State Details

- **Color:** Clear, Clear
- **Odor:** Citrus
- **Boiling point/range:** Not determined
- **Decomposition temperature:** Not determined
- **Solubility:** Completely Soluble
- **Relative Density (relative to water):** 1.013
- **Vapor density:** Not information available
- **Vapor pressure:** Not information available
- **Partition coefficient (n-octanol/water):** Not information available

### 10. STABILITY AND REACTIVITY

- **Reactivity:** Not Applicable
- **Stability:** The product is stable
- **Hazardous decomposition products:** Oxygen.
- **Materials to avoid:** Ammonia. Bases. Do not mix with chlorinated products (such as bleach).
- **Conditions to avoid:** Do not freeze. Do not mix with any other product or chemical.

### 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

- **Eye contact:** Skin contact, Inhalation, Ingestion
- **Skin contact:** Unlikely to be irritant in normal use.
- **Eye contact:** May be mildly irritating to eyes.
- **Ingestion:** No information available.
- **Inhalation:** No information available.
- **Sensitization:** No known effects.
- **Target Organs (SE):** None known
- **Target Organs (RE):** None known

#### Numerical measures of toxicity

<table>
<thead>
<tr>
<th>Measure</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE - Oral (mg/kg)</td>
<td>&gt;5000</td>
</tr>
<tr>
<td>ATE - Dermal (mg/kg)</td>
<td>&gt;5000</td>
</tr>
<tr>
<td>ATE - Inhalatory, mists (mg/l)</td>
<td>&gt;20</td>
</tr>
<tr>
<td>ATE - Inhalatory, vapors (mg/l)</td>
<td>47</td>
</tr>
</tbody>
</table>

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

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Alpha-HP Multi-Surface Cleaner
12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. This product, when diluted as stated on this MSDS, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Contaminated Packaging: Do not re-use empty containers.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste

RCRA Hazard Class (diluted product): D002 Corrosive Waste

14. TRANSPORT INFORMATION


DOT (Ground) Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

IMDG (Ocean) Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

15. REGULATORY INFORMATION

International Inventories at CAS# Level
All components of this product are listed on the following inventories: U.S.A. (TSCA), China (IECSC).

California Proposition 65: This product is not subject to the reporting requirements under California’s Proposition 65.

RIGHT TO KNOW (RTK)

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propylene glycol n-propy ether</td>
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<td>7722-84-1</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA/ SARA

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>3 - &lt; 5%</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

Immediate: -

Delayed: -

Fire: -

Reactivity: -

Sudden Release of Pressure: -

Canadian Regulations

WHMIS hazard class: Non-controlled.

16. OTHER INFORMATION

NFPA (National Fire Protection Association)
Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)
Version Number: 1
Preparation date: 2014-05-30

Reason for revision: Not applicable
Prepared by: NAPRAC

Additional advice:
• Contains an added fragrance, see “Odor” heading in section 9 for specific description
• When used through dispensing/autodose equipment, this product meets Green Seal’s requirements for skin and eye irritation and acute toxicity at the as-used dilution
• This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

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