MATERIAL SAFETY DATA SHEET

Alpha HP Multi-Surface Cleaner

<table>
<thead>
<tr>
<th>HMIS</th>
<th>NFPA</th>
<th>Personal protective equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2</td>
<td>None / Aucune / Ninguno</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Version Number: 3  
Preparation date: 2010-06-23

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Alpha HP Multi-Surface Cleaner

MSDS #: MS0300392  
Product Code: 3350743, 3350727, 3401512, 5271213
Recommended use: Cleaner. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier: 
Canadian Headquarters  
Diversey, Inc. - Canada, Inc.  
2401 Bristol Circle  
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

US Headquarters  
Diversey, Inc.  
6210 16th St.  
Sturtevant, Wisconsin 53177-1064  
Phone: 1-888-352-2240

MSDS Internet Address: www.dversey.com  
Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-8133 (Int'L)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
CAUTION. CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN.

Principal routes of exposure: Eye contact. Skin contact. Inhalation.

Eye contact: Moderately irritating to the eyes.

Skin contact: May be mildly irritating to skin.

Inhalation: None known.

Ingestion: May cause irritation to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>1 - 5%</td>
<td>801</td>
<td>2000 mg/kg</td>
<td>2 mg/L (4 h)</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.

Skin contact: Flush immediately with plenty of water. If irritation develops, get medical attention.

Inhalation: No specific first aid measures are required.

Ingestion: If swallowed, give a cupful of water or milk.

Aggravated Medical Conditions: None known

5. FIRE-FIGHTING MEASURES

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.

Unusual hazards: None known

Specific methods: No special methods required

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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 for 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.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

**Personal Protective Equipment**

- **Eye protection:** No special requirements under normal use conditions.
- **Hand protection:** No special requirements under normal use conditions.
- **Skin and body protection:** No special requirements 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.

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>1 ppm (TWA)</td>
<td>1 ppm (TWA) 1.4 mg/m³ (TWA)</td>
<td>2 ppm (STEL) 3 mg/m³ (STEL) 1 ppm (TWA) 1.5 mg/m³ (TWA)</td>
</tr>
</tbody>
</table>

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:** Liquid
- **Appearance:** Liquid Aqueous solution
- **Specific gravity:** 1.013
- **Vapor density:** No information available
- **Boiling point/range:** Not determined
- **Decomposition temperature:** Not determined
- **Solubility:** Completely Soluble
- **Solubility in other solvents:** No information available
- **Partition coefficient (n-octanol/water):** No information available
- **Elemental Phosphorus:** 0.00 % by wt.
- **pH:** 1.2
- **Explosion limits:** Not determined 
  - upper: Not determined 
  - lower: Not determined

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

### 10. STABILITY AND REACTIVITY

**Stability:** The product is stable

**Polymerization:** Hazardous polymerization does not occur

**Hazardous decomposition products:** Oxygen

**Materials to avoid:** Ammonia. Bases. Do not mix with chlorinated products.

**Conditions to avoid:** Do not freeze. Do not mix with any other product or chemical.

### 11. TOXICOLOGICAL INFORMATION
Acute toxicity: Oral LD50 estimated to be 3000 - 4000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.

Component Information: See Section 3

Chronic toxicity: None known

Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose of according to all federal, state and local applicable regulations. Undiluted product is regulated under environmental and transportation laws as a corrosive waste.

RCRA Hazard Class: D002

14. TRANSPORT INFORMATION


DOT Bill of Lading Description: Cleaning, washing, buffing, or polishing compounds Liquid

IMDG Bill of Lading Description: Same as DOT above.

15. REGULATORY INFORMATION

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

U.S. Regulations
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>RIR TK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol n-propyl ether</td>
<td>1569-01-3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethoxylated linear alcohol</td>
<td>68439-45-2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>88564-22-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</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>1 - 5%</td>
<td></td>
<td>1000</td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

Immediate: x

Delayed:

Fire:

Reactivity:

Sudden Release of Pressure:

Canada

WHMIS hazard class: D2B Toxic materials

Alpha HP Multi-Surface Cleaner
16. OTHER INFORMATION

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.

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