



**Alpha HP Multi-Surface Disinfectant Cleaner**

HMIS		NFPA	Personal protective equipment
Health	2	2	
Flammability	0	0	
Physical Hazard / Instability	0	0	

Version Number: 1

Preparation date: 2013-04-11

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** Alpha HP Multi-Surface Disinfectant Cleaner

**MSDS #:** MS0300841  
**Product Code:** 5549211, 5549254, 5549271, 5549318, 5549334  
**Recommended use:**

- Disinfectant Cleaner
- This product is intended to be diluted prior to use

**Manufacturer, importer, supplier:**  
 US Headquarters  
 Diversey, Inc.  
 8310 16th St.  
 Sturtevant, Wisconsin 53177-1964  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.diversey.com

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

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

CAUTION. HARMFUL IF SWALLOWED. Moderately irritating to the eyes. Mild skin irritation.

**Principal routes of exposure:** Eye contact. Skin contact. Ingestion.  
**Eye contact:** Moderately irritating to the eyes.  
**Skin contact:** May be mildly irritating to skin.  
**Inhalation:** None  
**Ingestion:** Harmful if swallowed.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
2-Hydroxybenzoic Acid	69-72-7	0.1 - 1.5%	891	Not available	>0.9 mg/L (1 h)
Phosphoric acid	7664-38-2	1 - 5%	1530	=2730 mg/kg	>850 mg/m <sup>3</sup> (1 h)
Hydrogen peroxide	7722-84-1	1 - 5%	1193	2000 mg/kg	2 mg/L (4 h)

**4. FIRST AID MEASURES**

**Eye contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. If irritation persists, get medical attention.  
**Skin contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation develops, get medical attention.  
**Inhalation:** No specific first aid measures are required.  
**Ingestion:** Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person. Get medical attention immediately.  
**Notes to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.  
**Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptible to irritating effects

**5. FIRE-FIGHTING MEASURES**

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

**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:** Use personal protective equipment  
**Environmental precautions and clean-up methods:** Use appropriate containment to avoid environmental contamination. 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:**  
 Do not taste or swallow. Avoid contact with skin, eyes and clothing. Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet and after handling product. Remove and wash contaminated clothing and footwear before re-use. 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:**  
 Store in well-ventilated area. Keep from freezing. Do not contaminate food or feed by storage or disposal . KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**  
 None known

### Personal Protective Equipment

**Eye protection:** Chemical-splash goggles.  
**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

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Phosphoric acid	7664-38-2	3 mg/m <sup>3</sup> (STEL) 1 mg/m <sup>3</sup> (TWA)	1 mg/m <sup>3</sup> (TWA)	3 mg/m <sup>3</sup> (STEL) 1 mg/m <sup>3</sup> (TWA)
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m <sup>3</sup> (TWA)	2 ppm (STEL) 3 mg/m <sup>3</sup> (STEL) 1 ppm (TWA) 1.5 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Appearance:** Liquid Aqueous solution  
**Specific gravity:** 1.036  
**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:** 1.12 % by wt.  
**pH:** 0.8  
**Explosion limits:** - upper: Not determined - lower: Not determined

**Bulk density:** No information available  
**Evaporation Rate:** No information available  
**Color:** Clear Colorless  
**Odor:** Citrus  
**Melting point/range:** Not determined  
**Autoignition temperature:** No information available  
**Density:** 8.67 lbs/gal 1.04 Kg/L  
**Flash point:** > 200 °F > 93.4 °C  
**Viscosity:** No information available  
**VOC:** 8.32 % \*  
**Dilution pH:** 2.05 @ 1:64

\* - 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:** Incompatible with bases. Ammonia. Oxidizing agents. Do not mix with chlorinated products (such as bleach).  
**Conditions to avoid:** Do not mix with any other product or chemical .

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral LD50 estimated to be between 500 - 5000 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

Do not contaminate water, food, or feed by storage or disposal

**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.

**Pesticide Storage:**

Store in original container in areas inaccessible to children. Open dumping is prohibited. Do not reuse empty container

**Pesticide Disposal:**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law

**Container Disposal:**

Pesticide product disposal requirements vary by package size and type. Pesticides include disinfectants and sanitizers. See product label for complete disposal instructions. Always dispose of according to all federal, state and local applicable regulations.

**RCRA Hazard Class:** D002 Corrosive Waste.

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, <http://naextranet.diverse.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** DISINFECTANTS

**IMDG (Ocean) Bill of Lading Description:** DISINFECTANTS

## 15. REGULATORY INFORMATION

**International Inventories at CAS# Level**

All components of this product are listed on the following inventories: U.S.A. (TSCA)

**U.S. Regulations**

**EPA Reg. No. :** 70627-62

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Phosphoric acid	7664-38-2	1 - 5%	5000		
Hydrogen peroxide	7722-84-1	1 - 5%		1000	

**SARA 311/312 Hazard Categories**

<b>Immediate:</b>	X
<b>Delayed:</b>	-
<b>Fire:</b>	-
<b>Reactivity:</b>	-
<b>Sudden Release of Pressure:</b>	-

**16. OTHER INFORMATION**

<b>Reason for revision:</b>	Not applicable
<b>Prepared by:</b>	NAPRAC
<b>Additional advice:</b>	• Contains an added fragrance, see "Odor" heading in section 9 for specific description

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