

MATERIAL SAFETY DATA SHEET



Alpha HP Multi-Surface Cleaner

HMIS		NFPA	Personal protective equipment
Health	2	2	None / Aucune / Ninguno
Fire Hazard	0	0	
Reactivity	0	0	

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:

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

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

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

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Hydrogen peroxide	7722-84-1	1 5%	801	2000 mg/kg	2 mg/L (4 h)

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

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:
Environmental precautions
and clean-up methods:**

Not relevant for the product itself.
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

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m ³ (TWA)	2 ppm (STEL) 3 mg/m ³ (STEL) 1 ppm (TWA) 1.5 mg/m ³ (TWA)

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: - upper: Not determined - lower: Not determined

Bulk density: No information available

Evaporation Rate: No information available

Color: Clear Clear

Odor: Citrus

Melting point/range: Not determined

Autoignition temperature: No information available

Density: 8.42 lbs/gal 1.01 Kg/L

Flash point: > 200 °F > 93.4 °C

Viscosity: No information available

VOC: 8 % *

Dilution pH: 2.5 @ 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:

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/TDG/IMDG: Please refer to the Diversey HazMat Library, <http://naextranet.diversey.com/dot/>, for up to date shipping 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 (DSL/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)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Propylene glycol n-propyl ether	1569-01-3	-	-	-	-
Ethoxylated linear alcohol	68439-45-2	-	-	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-
Hydrogen peroxide	7722-84-1	X	X	X	X
Water	7732-18-5	-	-	-	-

CERCLA/ SARA

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

SARA 311/312 Hazard Categories

Immediate: x

Delayed: -

Fire: -

Reactivity: -

Sudden Release of Pressure: -

Canada

WHMIS hazard class: D2B Toxic materials



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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