



# ALPHA-HP Multi-Surface Cleaner

National Fire Protection Association (NFPA)	Fire Hazard		Reactivity	Hazardous Material Information System (HMIS)	Health	3
	Health			Fire Hazard	2	
	Specific Hazard			Reactivity	1	
Protective Clothing		Emergency Overview	Clear. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. CAUTION: Combustible liquid			

## Section 1. Chemical Product and Company Identification

Product Name	ALPHA-HP Multi-Surface Cleaner	Code	3350743 & 3350727 & 3401512
Product Use	Industrial/Institutional: Cleaning product.	PMS#	Not available.
MSDS#	F-00479001	Validation Date	6/17/2004
U.S. Headquarters	<b>Canadian Headquarters</b> JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131	Print Date	6/17/2004
JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversevy.com		Supersedes	5/18/2004
		In Case of Emergency	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Phosphoric Acid	7664-38-2	1-5	<b>OSHA (United States).</b> TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup> <b>ACGIH (United States).</b> TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup> <b>ACGIH TLV (United States, 2003). Notes:</b> STEL: 3 mg/m <sup>3</sup> 15 minute(s). TWA: 1 mg/m <sup>3</sup> 8 hour(s). <b>OSHA PEL (United States, 1993). Notes:</b> TWA: 1 mg/m <sup>3</sup> 8 hour(s)	ORAL (LD50): Acute: 1530 mg/kg [Rat]. DERMAL (LD50): Acute: 2740 mg/kg [Rabbit]. VAPOR (LC50): Acute: >850 mg/m <sup>3</sup> 1 hour(s) [Rat].
Ethoxylated Linear Alcohol	68439-45-2	1-5	Not available.	Not available.
Hydrogen Peroxide	7722-84-1	1-5	<b>OSHA (United States, 1993).</b> TWA: 1.4 mg/m <sup>3</sup> <b>ACGIH (United States).</b> TWA: 1.4 mg/m <sup>3</sup> <b>ACGIH TLV (United States, 2003).</b> TWA: 1.4 mg/m <sup>3</sup> 8 hour(s). TWA: 1 ppm 8 hour(s). <b>OSHA PEL (United States, 1993). Notes:</b> TWA: 1.4 mg/m <sup>3</sup> 8 hour(s).	ORAL (LD50): Acute: 376 mg/kg [Rat]. 910 mg/kg [Rat]. 1518 mg/kg [Rat]. DERMAL (LD50): Acute: 4060 mg/kg [Rat]. VAPOR (LC50): Acute: 2000 mg/m <sup>3</sup> 4 hour(s) [Rat].

Propylene Glycol N-Propyl Ether	1569-01-3	5-10	TWA: 1 ppm 8 hour(s) Not available.	Not available.
Alkylbenzene sulphonic acid	68584-22-5	5-10	Not available.	Not available.
Water	7732-18-5	60-100	Not available.	Not available.

### Section 3. Hazards Identification

<b>Routes of Entry</b>	Eye contact. Ingestion. Inhalation. Skin contact
<b>Potential Acute Health Effects</b>	<p><i>Eyes</i> Corrosive. May cause permanent damage including blindness.</p> <p><i>Skin</i> May be severely irritating to skin.</p> <p><i>Inhalation</i> May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p><i>Ingestion</i> May cause abdominal discomfort, nausea, vomiting and diarrhea. May be irritating to mouth, throat and stomach.</p>
<b>Medical Conditions Aggravated by Overexposure:</b>	Persons with pre-existing skin disorders may be more susceptible to irritating effects. Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
<b>See Toxicological Information (section 11)</b>	

### Section 4. First Aid Measures

<b>Eye Contact</b>	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
<b>Skin Contact</b>	Flush immediately with plenty of water for at least 15 minutes. Get medical attention.
<b>Inhalation</b>	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
<b>Ingestion</b>	Immediately drink 1-2 glasses of water or milk. Get medical attention.

### Section 5. Fire Fighting Measures

<b>Flammability of the Product</b>	COMBUSTIBLE.
<b>Flash Points</b>	Closed cup: 67.222°C (153°F).
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Use water spray to keep fire exposed containers cool. dry chemical, carbon dioxide.
<b>Protective Clothing (Fire)</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Special Remarks on Fire and Explosion Hazards</b>	Material may burn in heat of fire. Corrosive material (See sections 8 and 10).

### Section 6. Accidental Release Measures

<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Environmental Precautions and Clean-up Methods</b>	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

### Section 7. Handling and Storage

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Use only in well-ventilated areas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. Keep away from heat, sparks and flame. KEEP OUT OF REACH OF CHILDREN.

**Section 8. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
<b>Personal Protection</b>	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves. Includes: Persons with pre-existing skin disorders may be more susceptible to irritating effects.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Liquid.
<b>Odor</b>	Citrus. (Slight.)
<b>Color</b>	Clear.
<b>pH</b>	1.0 [Acidic.]
<b>Specific Gravity</b>	1.038
<b>Solubility in water</b>	Complete.

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Conditions of Instability</b>	None known.
<b>Incompatibility with Various Substances</b>	Reactive with metals, acids.
<b>Hazardous Decomposition Products</b>	None known.
<b>Hazardous Polymerization</b>	Will not occur.

**Section 11. Toxicological Information**

<b>Acute toxicity</b>	Acute oral toxicity (LD50) Estimated to be greater than 2000 mg/kg (rat).
<b>Effects of Chronic Exposure</b>	None known.
<b>Other Toxic Effects</b>	None known.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	No special precautions. Dispose of according to all federal, state and local applicable regulations.
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**Section 14. Transport Information**

<b>DOT Classification</b>	
<b>DOT Proper Shipping Name</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
<b>TDG Classification</b>	
<b>TDG Proper Shipping Name</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
<b>TDG Class</b>	

**Section 15. Regulatory Information**

Reporting in this section is based on ingredients disclosed in Section 2

**US Regulations**

**Federal** SARA 302/304/311/312 extremely hazardous substances: Hydrogen Peroxide  
SARA 302/304 emergency planning and notification: Hydrogen Peroxide  
SARA 302/304/311/312 hazardous chemicals: Phosphoric Acid, Hydrogen Peroxide  
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Phosphoric Acid, Hydrogen Peroxide  
Clean Water Act (CWA) 311: Phosphoric Acid  
CERCLA: Hazardous substances.: Phosphoric Acid

**State** New Jersey spill list: Phosphoric Acid, Hydrogen Peroxide  
New Jersey: Phosphoric Acid, Hydrogen Peroxide  
Massachusetts spill list: Phosphoric Acid, Hydrogen Peroxide  
Massachusetts RTK: Phosphoric Acid, Hydrogen Peroxide  
Pennsylvania RTK: Phosphoric Acid, Hydrogen Peroxide

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

**Registered Product Information** Not applicable.

**Canadian Regulations**

**Canadian NPRI** Canadian NPRI: Phosphoric Acid.

**WHMIS Classification** Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).  
Class D-2B: Material causing other toxic effects (TOXIC).

**WHMIS Icon**



**Registered Product Information** Not applicable.

**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Section 16. Other Information**

**Other Special Considerations** MSDS Serial Range: 1-2

**Version** 1.03

**Notice to Reader**

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