

# HORIZON 400 GENERAL PURPOSE CLEANER - SUPER CONCENTRATE

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	3						
	Health		3	Reactivity	0					
		<table border="1"> <tr> <td>Health</td> <td>3</td> </tr> <tr> <td>Fire Hazard</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>			Health	3	Fire Hazard	0	Reactivity	0
Health	3									
Fire Hazard	0									
Reactivity	0									
<b>Protective Clothing</b> 		<b>Emergency Overview</b> Yellow. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.								

Section 1. Chemical Product and Company Identification			
<b>Product Name</b>	<b>HORIZON 400 GENERAL PURPOSE CLEANER - SUPER CONCENTRATE</b>	<b>Code</b>	6774
<b>Product Use</b>	Industrial/Institutional: Cleaning product.	<b>PMS#</b>	433157
<b>MSDS#</b>	116765003	<b>Validation Date</b>	04/19/2000
<b>U.S. Headquarters</b> Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	<b>Canadian Headquarters</b> Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	<b>Print Date</b>	04/20/2000
		<b>Supersedes</b>	04/12/2000.
		<b>In Case of Emergency</b>	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Sodium Hydroxide	1310-73-2	1-5	CEIL: 2 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] STEL: 2 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States]	Not available.
Potassium Salt of Dibasic Fatty Acid	68127-33-3	1-5	Not available.	Not available.
Tetrasodium Salt of EDTA	64-02-8	1-5	Not available.	Not available.
Sodium silicate	1344-09-8	5-10	Not available.	Not available.
Organic Phosphate Ester	9004-80-2	5-10	Not available.	Not available.
Alkylphenoxy Polyethoxyethanol	26027-38-3	10-30	Not available.	Not available.
Water	7732-18-5	60-100	Not available.	Not applicable.

Section 3. Hazards Identification	
<b>Routes of Entry</b>	Inhalation. Skin contact. Eye contact.
<b>Potential Acute Health Effects</b>	<p><b>Eyes</b> Corrosive. May cause permanent damage including blindness.</p> <p><b>Skin</b> Corrosive. May cause permanent damage.</p> <p><b>Inhalation</b> May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p><b>Ingestion</b> Corrosive. May cause burns to mouth, throat, and stomach.</p>
<b>Medical Conditions Aggravated by Overexposure:</b>	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

<b>Section 4. First Aid Measures</b>	
Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact	Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
Ingestion	Do not induce vomiting! Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

<b>Section 5. Fire Fighting Measures</b>	
Flammability of the Product	None known.
Flash Points	Not available.
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Special Remarks on Fire and Explosion Hazards	Corrosive material (See sections 8 and 10).

<b>Section 6. Accidental Release Measures</b>	
Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

<b>Section 7. Handling and Storage</b>	
Handling	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. FOR INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

<b>Section 8. Exposure Controls/Personal Protection</b>	
Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves. Includes: Rubber gloves. Neoprene gloves.
<i>Respiratory</i>	If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
<i>Feet</i>	Protective footwear.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing and footwear.

<b>Section 9. Physical and Chemical Properties</b>	
Physical State and Appearance	Liquid.
Odor	Citrus.
Color	Yellow.
pH	13 [Basic.]
Specific Gravity	1.14
Boiling/Condensation Point	>93°C (199.4°F)
Melting/Freezing Point	0°C (32°F)
Vapor Pressure	18 mm of Hg

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Vapor Density 1 Air = 1  
Solubility in water Complete.

**Section 10. Stability and Reactivity**

Stability and Reactivity The product is stable.  
Conditions of Instability None known.  
Incompatibility with Various Substances Reactive with acids.  
Hazardous Decomposition Products When exposed to fire: Produces normal products of combustion.  
Hazardous Polymerization Will not occur.

**Section 11. Toxicological Information**

Acute toxicity Not available.  
Effects of Chronic Exposure None known.  
Other Toxic Effects Not available.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

Waste Information Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations.

**Section 14. Transport Information**

**DOT Classification**

DOT Proper Shipping Name Corrosive liquid, basic, inorganic, n.o.s. ( Sodium hydroxide , Sodium silicate )  
DOT Class Class 8: Corrosive material  
UN/NA UN3266  
Packing Group II

**TDG Classification**

TDG Class Not applicable.  
PIN/NIP

**Section 15. Regulatory Information**

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

**US Regulations**

Federal Clean Water Act (CWA) 311: Sodium Hydroxide  
CERCLA: Hazardous substances.: Sodium Hydroxide  
State New Jersey spill list: Sodium Hydroxide  
New Jersey: Sodium Hydroxide  
Massachusetts spill list: Sodium Hydroxide  
Massachusetts RTK: Sodium Hydroxide, Trisodium Salt of NTA  
Pennsylvania RTK: Sodium Hydroxide  
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: Alkylphenoxy Polyethoxyethanol.  
WHMIS Classification Not applicable.

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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 Not available.

Version 1

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