


HORIZON 420 NEUTRAL CLEANER SUPER CONCENTRATE

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Health		Reactivity	0
Specific Hazard			Fire Hazard	0
Protective Clothing 			Emergency Overview	Blue. Liquid. See Section 9. WARNING: CAUSES EYE AND SKIN IRRITATION. HARMFUL IF SWALLOWED.

Section 1. Chemical Product and Company Identification					
Product Name	HORIZON 420 NEUTRAL CLEANER SUPER CONCENTRATE		Code	6775	
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.		PMS#	433158	
MSDS#	116775003		Validation Date	12/8/2000	
U.S. Headquarters Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com		Canadian Headquarters Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971		Print Date	12/8/2000
				Supersedes	4/19/2000.
				In Case of Emergency	(800) 851-7145

31720

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Monoethanolamine	141-43-5	0.1-1	TWA: 8 STEL: 15 (mg/m ³) from OSHA (PEL) [United States] TWA: 7.5 STEL: 15 (mg/m ³) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
Tetrasodium Salt of EDTA	64-02-8	1-5	Not available.	Not available.
Sodium Xylene Sulfonate	1300-72-7	1-5	Not available.	Not available.
2-Butoxyethanol	111-76-2	1-5	TWA: 120 (mg/m ³) from OSHA (PEL) [United States] TWA: 97 (mg/m ³) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 3000 mg/kg [Male. Rat]. 506 mg/kg [Male. Rat]. DERMAL (LD50): Acute: 406 mg/kg [Male. Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Female. Rat]. 486 ppm 4 hours [Male. Rat].
Alkylphenoxy Polyethoxyethanol	26027-38-3	30-60	Not available.	Not available.
Water	7732-18-5	30-60	Not available.	Not applicable.

Section 3. Hazards Identification	
Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
<i>Eyes</i> May be severely irritating to eyes.	
<i>Skin</i> May be severely irritating to skin.	
<i>Inhalation</i> May be irritating to nose, throat, and respiratory tract.	
<i>Ingestion</i> May be irritating to mouth, throat and stomach.	
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

Section 4. First Aid Measures	
Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact	Flush immediately with plenty of water for at least 15 minutes. Get medical attention.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	Immediately drink plenty of water. Get medical attention.

Section 5. Fire Fighting Measures	
Flammability of the Product	None known.
Flash Points	None.
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	None known.

Section 6. Accidental Release Measures	
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.

Section 7. Handling and Storage	
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 OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection	
Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
<i>Eyes</i>	Safety glasses with side shields.
<i>Hands</i>	Chemical resistant gloves. Includes: Neoprene gloves. Rubber gloves.
<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	
Physical State and Appearance	Liquid.
Odor	Floral.
Color	Blue.
pH	10 to 13 [Basic.]
Specific Gravity	1.05
Boiling/Condensation Point	>93°C (199.4°F)
Melting/Freezing Point	0°C (32°F)
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	None known.

Section 12. Ecological Information	
Not available.	

Section 13. Disposal Considerations	
Waste Information	No special precautions. Dispose of according to all federal, state and local regulations.

Section 14. Transport Information	
DOT Classification	
TDG Classification	
TDG Class	
PIN/NIP	

Section 15. Regulatory Information	
Reporting in this section is based on ingredients disclosed in Section 2	
US Regulations	
	Federal CERCLA: Hazardous substances.: 2-Butoxyethanol
	State New Jersey spill list: 2-Butoxyethanol
	New Jersey: Monoethanolamine, 2-Butoxyethanol
	Massachusetts spill list: Monoethanolamine, 2-Butoxyethanol
	Massachusetts RTK: Monoethanolamine, 2-Butoxyethanol
	Pennsylvania RTK: Monoethanolamine, 2-Butoxyethanol
	This product is not subject to the reporting requirements under California's Proposition 65.
Registered Product Information	Not applicable.
Canadian Regulations	
Canadian NPRI	Not applicable.
WHMIS Classification	Not applicable.
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 1.01

Notice to Reader

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.