


MULTI-PURPOSE CLEANER

<div>National Fire Protection Association (NFPA)</div>	<div><div>Fire Hazard</div><div>Health</div><div>Reactivity</div></div> <div><div><div>0</div><div>3</div><div>0</div></div></div>	<div>Hazardous Material Information System (HMIS)</div>	<div><div>Health</div><div>3</div></div> <div><div>Fire Hazard</div><div>0</div></div> <div><div>Reactivity</div><div>0</div></div>
<div>Protective Clothing</div> <div><div></div></div>	<div>Specific Hazard</div>	<div>Emergency Overview</div> <div>Clear Red. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.</div>	

Section 1. Chemical Product and Company Identification

Product Name	MULTI-PURPOSE CLEANER	Code	48026
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.	PMS#	447692
MSDS#	126401005	Validation Date	8/9/2001
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	8/9/2001
		Supersedes	8/8/2001.
		In Case of Emergency	(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	ACGIH (United States). CEIL: 2 mg/m ³	ORAL (LD50): Acute: 500 mg/kg [Rabbit].
Monoethanolamine	141-43-5	1-5	OSHA (United States). TWA: 8 mg/m ³ ACGIH (United States). TWA: 7.5 mg/m ³ STEL: 15 mg/m ³	ORAL (LD50): Acute: 1720 mg/kg [Rat].
Diethanolamine	111-42-2	1-5	OSHA (United States). TWA: 15 mg/m ³ ACGIH (United States). TWA: 2 mg/m ³ STEL: 15 mg/m ³	DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
2-Butoxyethanol	111-76-2	5-10	OSHA (United States). TWA: 120 mg/m ³ ACGIH (United States). TWA: 97 mg/m ³	ORAL (LD50): Acute: 710 to 3540 mg/kg [Rat].
Tetrasodium EDTA	64-02-8	1-5	Not available.	DERMAL (LD50): Acute: 12200 mg/kg [Rabbit].
Water		60-100	Not available.	ORAL (LD50): Acute: 506 mg/kg [Rat].
				DERMAL (LD50): Acute: 406 mg/kg [Rabbit].
				VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].
				ORAL (LD50): Acute: 330 mg/kg [Rat].
				Not available.

Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
Eyes	Corrosive. May cause permanent damage including blindness.
Skin	Corrosive. May cause permanent damage.
Inhalation	May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion	Corrosive. May cause burns to mouth, throat, and stomach.
Medical Conditions Aggravated by Overexposure:	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., 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 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 1-2 glasses of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	CLOSED CUP: >93°C (200°F).
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.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	Corrosive material (See sections 8 and 10).

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	DANGER: CORROSIVE. CONCENTRATE CAUSES EYE AND SKIN BURNS. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Wear chemical splash-proof goggles, rubber gloves and protective footwear. HARMFUL OR FATAL IF SWALLOWED. Do not taste or swallow. Avoid breathing vapor. Keep container closed. Use only with adequate ventilation. Contains: Sodium hydroxide and Monoethanolamine.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	
Eyes	Chemical splash goggles.
Hands	Chemical resistant gloves. Includes: Neoprene gloves.
Respiratory	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.
Feet	Protective footwear.
Body	If major exposure is possible, wear suitable protective clothing and footwear.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Mild.
Color	Clear Red.
pH	13.6 [Basic.]
Specific Gravity	1.06
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°F)

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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. Toxic decomposition products include: Oxides of nitrogen.

Hazardous Polymerization

Will not occur.

Section 11. Toxicological Information
Acute toxicity

Corrosive.

Effects of Chronic Exposure

None known.

Other Toxic Effects

None known.

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

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

DOT Class
UN/NA
DOT Special Considerations
TDG Classification
TDG Proper Shipping Name

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

TDG Class
PIN/NIP
TDG Special Considerations
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
 Clean air act (CAA) 112 accidental release prevention: Diethanolamine
 CERCLA: Hazardous substances.: Sodium hydroxide, 2-Butoxyethanol

State

 New Jersey spill list: 2-Butoxyethanol
 New Jersey: Monoethanolamine, Diethanolamine, Sodium hydroxide, 2-Butoxyethanol
 Massachusetts spill list: Monoethanolamine, 2-Butoxyethanol
 Massachusetts RTK: Monoethanolamine, Diethanolamine, Sodium hydroxide, 2-Butoxyethanol
 Pennsylvania RTK: Monoethanolamine, Diethanolamine, Sodium hydroxide, 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 Canadian NPRI: Diethanolamine, 2-Butoxyethanol.

WHMIS Classification CLASS E: Corrosive liquid.

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

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