



J-SHOP HEAVY DUTY INDUSTRIAL DEGREASER

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

Section 1. Chemical Product and Company Identification

Product Name	J-SHOP HEAVY DUTY INDUSTRIAL DEGREASER	Code	5139 & 5148 & 5149 & 5151 & 51493 & 51494
Product Use	Industrial/Institutional: Cleaning product.	PMS#	444324
MSDS#	115141002	Validation Date	10/22/2002
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	10/22/2002
		Supersedes	10/10/2002.
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Sodium Xylene Sulfonate	1300-72-7	1-5	Not available.	Not available.
Sodium Hydroxide	1310-73-2	1-5	OSHA (United States). CEIL: 2 mg/m ³ ACGIH (United States). STEL: 2 mg/m ³	Not available.
Sodium Gluconate	527-07-1	1-5	Not available.	Not available.
Alkylphenoxy Polyethoxyethanol	26027-38-3	1-5	Not available.	Not available.
Dipropylene Glycol Methyl Ether	34590-94-8	5-10	OSHA (United States). Skin TWA: 600 mg/m ³ STEL: 900 mg/m ³ ACGIH (United States). Skin TWA: 606 mg/m ³ STEL: 909 mg/m ³	ORAL (LD50): Acute: 5119 mg/kg [Rat]. DERMAL (LD50): Acute: 9480 mg/kg [Rabbit].
Water	7732-18-5	60-100	Not available.	Not available.

Section 3. Hazards Identification

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

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	<p><i>Eyes</i> Chemical splash goggles.</p> <p><i>Hands</i> Chemical resistant gloves. Includes: Neoprene gloves.</p> <p><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.</p> <p><i>Feet</i> Protective footwear.</p> <p><i>Body</i> If major exposure is possible, wear suitable protective clothing and footwear.</p>

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Mild. Amine like.
Color	Clear Red.
pH	13.5 [Basic.]
Specific Gravity	1.05

Boiling/Condensation Point	100°C (212°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. Do not mix with any other chemicals or products unless specified by label.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
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.
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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.
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TDG Classification

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

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, Dipropylene Glycol Methyl Ether Massachusetts spill list: Sodium Hydroxide Massachusetts RTK: Sodium Hydroxide, Dipropylene Glycol Methyl Ether Pennsylvania RTK: Sodium Hydroxide, Dipropylene Glycol Methyl Ether This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information	Not applicable.
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Canadian Regulations

WHMIS Classification	CLASS E: Corrosive liquid.
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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 MSDS Serial Range: 2-3

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