

DELIBLE INK REMOVER

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



Health	3
Fire Hazard	0
Reactivity	0

Specific Hazard



Emergency Overview: Clear Colorless. 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	DELIBLE INK REMOVER	Code	3729
Product Use	Industrial/Institutional: Carpet care.	PMS#	3128106
MSDS#	126352001	Validation Date	5/13/2003
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	5/13/2003
		Supersedes	No Previous Validation
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Monoethanolamine	141-43-5	5-10	OSHA (United States). TWA: 8 mg/m ³ STEL: 15 mg/m ³ ACGIH (United States). TWA: 7.5 mg/m ³ STEL: 15 mg/m ³	ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
2-Butoxyethanol	111-76-2	10-30	OSHA (United States). TWA: 120 mg/m ³ ACGIH (United States). TWA: 97 mg/m ³	ORAL (LD50): Acute: 506 mg/kg [Rat]. DERMAL (LD50): Acute: 406 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].
Diethylene Glycol Butyl Ether	112-34-5	10-30	Not available.	ORAL (LD50): Acute: 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 2700 mg/kg [Rabbit].
Water	7732-18-5	30-60	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<p>Eyes Corrosive. May cause permanent damage including blindness.</p> <p>Skin Corrosive. May cause permanent damage.</p> <p>Inhalation May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p>Ingestion Corrosive. May cause burns to mouth, throat, and stomach.</p>
Medical Conditions Aggravated by Overexposure:	None known.
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 plenty of water. 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	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.
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 COMMERCIAL AND 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	
	<i>Eyes</i> Chemical splash goggles.
	<i>Hands</i> Chemical resistant gloves. Includes: 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.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Apple-like.
Color	Clear Colorless.
pH	10.7 to 11.3 [Basic.]
Specific Gravity	0.99
Boiling/Condensation Point	100°C (212°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 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 ORAL (LD50) Between 2500 and 5000 mg/kg (rat). Corrosive.
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 Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Classification
TDG Proper Shipping Name Please refer to the Bill of Lading/receiving documents for up to date shipping information.

Section 15. Regulatory Information

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

US Regulations

Federal CERCLA: Hazardous substances.: 2-Butoxyethanol, Diethylene Glycol Butyl Ether

State New Jersey spill list: 2-Butoxyethanol, Diethylene Glycol Butyl Ether
 New Jersey: Monoethanolamine, 2-Butoxyethanol, Diethylene Glycol Butyl Ether
 Massachusetts spill list: Monoethanolamine, 2-Butoxyethanol
 Massachusetts RTK: Monoethanolamine, 2-Butoxyethanol
 Pennsylvania RTK: Monoethanolamine, 2-Butoxyethanol, Diethylene Glycol Butyl Ether

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: 2-Butoxyethanol.

WHMIS Classification CLASS D-2B: Material causing other toxic effects (TOXIC).
 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.

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