


ENVY LIQUID DISINFECTANT CLEANER 04528

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Health		2	Fire Hazard
	Reactivity		Reactivity	0
Specific Hazard				
Protective Clothing 	Emergency Overview	Clear Liquid. See Section 9. WARNING: Concentrate causes substantial but temporary eye injury.		

Section 1. Chemical Product and Company Identification				
Product Name	ENVY LIQUID DISINFECTANT CLEANER		Code	4528
Product Use	Industrial/Institutional: Disinfectant.		PMS#	3162523
MSDS#	114525005		Validation Date	7/1/2003
U.S. Headquarters	Canadian Headquarters	Print Date	7/1/2003	
Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	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
n-Alkyl Dimethyl Benzyl Ammonium Chlorides	68391-01-5	0.106	Not available.	Not available.
n-Alkyl Dimethyl Ethylbenzyl Ammonium Chlorides	68956-79-6	0.106	Not available.	Not available.
Water	7732-18-5	90-100	Not available.	Not available.

Section 3. Hazards Identification	
Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<p><i>Eyes</i> May be moderately irritating to eyes.</p> <p><i>Skin</i> May be mildly irritating to skin.</p> <p><i>Inhalation</i> May be irritating to nose, throat, and respiratory tract.</p> <p><i>Ingestion</i> May be irritating to mouth, throat and stomach.</p>
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	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Get medical attention.
Skin Contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation persists, get medical attention.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
Ingestion	Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention.

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.
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	WARNING: Concentrate causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Use safety eyewear designed to protect against splash of liquids. After handling, always wash hands thoroughly with soap and water. Remove and wash contaminated clothing and footwear before re-use. FOR COMMERCIAL AND 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>	Chemical splash goggles. Face shield. Safety glasses.
<i>Hands</i>	No special requirements under normal use conditions.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	No special protective clothing is required.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Mild. Ammoniacal.
Color	Colorless.
pH	12 to 12.5 [Basic.]
Specific Gravity	1.01
Boiling/Condensation Point	>93°C (200°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	Slightly reactive to 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 ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).
DERMAL (LD50) Estimated to be greater than 2000 mg/kg.

Effects of Chronic Exposure None known.

Other Toxic Effects None known.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes.

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.
TDG Class

Section 15. Regulatory Information

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

US Regulations

State New Jersey: Dipropylene Glycol Methyl Ether
Massachusetts RTK: Dipropylene Glycol Methyl Ether
Pennsylvania RTK: Dipropylene Glycol Methyl Ether

This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information EPA Registration Number: 70627-33

Canadian Regulations

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.

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