

J-SPRAY KITCHEN CLEANER AND SANITISER

National Fire Protection Association (NFPA)	Fire Hazard Health Reactivity 3 2 0	Hazardous Material Information System (HMIS)	<table><tr><td>Health</td><td>3</td></tr><tr><td>Fire Hazard</td><td>2</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	3	Fire Hazard	2	Reactivity	0
Health	3								
Fire Hazard	2								
Reactivity	0								
Specific Hazard									
Protective Clothing		Emergency Overview	Clear Yellow. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE.						

Section 1. Chemical Product and Company Identification

Product Name	J-SPRAY KITCHEN CLEANER AND SANITISER	Code	41445
Product Use	Industrial/Institutional: Disinfectant.	PMS#	436762
MSDS#	126729001	Validation Date	04/19/2000
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	04/20/2000
		Supersedes	04/12/2000.
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Diethanolamine	111-42-2	1-5	TWA: 15 (mg/m ³) from OSHA (PEL) [United States] TWA: 2 (mg/m ³) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 710 to 3540 mg/kg [Rat]. DERMAL (LD50): Acute: 12200 mg/kg [Rabbit].
Butyl Dipropasol Dipropylene Glycol Methyl Ether	29911-28-2 34590-94-8	5-10 7-13	Not available. TWA: 600 STEL: 900 (mg/m ³) from OSHA (PEL) [United States] SKIN TWA: 606 STEL: 909 (mg/m ³) from ACGIH (TLV) [United States] SKIN	Not available. ORAL (LD50): Acute: 5119 mg/kg [Rat]. DERMAL (LD50): Acute: 9480 mg/kg [Rabbit].
Triethanolamine	102-71-6	10-30	TWA: 5 (mg/m ³) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 4.8 mg/kg [Rat]. DERMAL (LD50): Acute: 22.484 mg/kg [Rabbit].
Alcohol Ethoxylates	68439-46-3	10-30	Not available.	ORAL (LD50): Acute: 1378 mg/kg [Rat]. DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].
Water n-Alkyl Dimethyl Benzyl Ammonium Chlorides	7732-18-5 68989-00-4	10-30 15-40	Not available. Not available.	Not applicable. 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 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	COMBUSTIBLE.
Flash Points	CLOSED CUP: 79°C (174.2°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire-exposed containers cool. Dry chemical, carbon dioxide.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8.).
Special Remarks on Fire and Explosion Hazards	Material may burn in heat of fire. 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	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

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. Use only in well-ventilated areas.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. Keep away from heat, sparks and flame. 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: Rubber gloves. 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	Characteristic.
Color	Clear Yellow.
pH	>10 [Basic.]
Specific Gravity	1
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 oxidizing agents, 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	Not available.

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.
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Section 14. Transport Information
DOT Classification

DOT Proper Shipping Name	Corrosive liquid, basic, organic, n.o.s. (Quaternary ammonium compound.)
DOT Class	Class 8: Corrosive material
UN/NA	UN3267
Packing Group	II
DOT Special Considerations	Limited Quantity

TDG Classification

TDG Class	Not applicable.
PIN/NIP	
TDG Special Considerations	

Section 15. Regulatory Information
Reporting in this section is based on ingredients disclosed in Section 2
US Regulations

Federal	SARA 313 toxic chemical notification and release reporting: Diethanolamine CERCLA: Hazardous substances.: Diethanolamine
State	New Jersey spill list: Diethanolamine New Jersey: Dipropylene Glycol Methyl Ether, Diethanolamine Massachusetts RTK: Dipropylene Glycol Methyl Ether, Diethanolamine, Triethanolamine Pennsylvania RTK: Dipropylene Glycol Methyl Ether, Diethanolamine, Triethanolamine 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.

Continued on Next Page

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

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