

J-WORKS CITRUS EMULSION DEGREASER 124

National Fire Protection Association (NFPA)	Fire Hazard Health Reactivity 2 2 0	Hazardous Material Information System (HMIS) Health 2 Fire Hazard 2 Reactivity 0
Specific Hazard		
Protective Clothing 	Emergency Overview Clear Amber. Liquid. See Section 9. WARNING: MAY CAUSE ALLERGIC SKIN REACTION. May cause eye and skin irritation. May irritate digestive tract. CAUTION: COMBUSTIBLE.	

Section 1. Chemical Product and Company Identification

Product Name	J-WORKS CITRUS EMULSION DEGREASER 124	Code	2918317 & 2918309 & 2918296 & 2918325
Product Use	Industrial/Institutional: Cleaning product.	PMS#	3038451
MSDS#	01866	Validation Date	1/27/2003
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (800) 725-6737 MSDS Internet Address: www.johnsondiversey.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-888-746-5971	Print Date	1/27/2003
		Supersedes	1/24/2003.
		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	OSHA (United States). TWA: 15 mg/m ³ ACGIH (United States). TWA: 2 mg/m ³	ORAL (LD50): Acute: 710 to 3540 mg/kg [Rat]. DERMAL (LD50): Acute: 12200 mg/kg [Rabbit].
Alcohol Ethoxylates	68439-46-3	1-5	Not available.	ORAL (LD50): Acute: 1378 mg/kg [Rat]. DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].
Dodecylbenzene Sulfonic Acid	27176-87-0	5-10	Not available.	ORAL (LD50): Acute: 650 mg/kg [Rat].
D-Limonene	5989-27-5	10-30	Not available.	ORAL (LD50): Acute: 4400 mg/kg [Male. Rat]. 5600 mg/kg [Mouse]. 5200 mg/kg [Female. Rat]. DERMAL (LD50): Acute: >5000 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	Eyes Skin Inhalation Ingestion May cause eye irritation. Prolonged or repeated contact may dry skin and cause irritation. May be irritating to nose, throat, and respiratory tract. Ingestion may cause gastrointestinal irritation and diarrhea.
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects. May cause allergic reactions to certain individuals.
See Toxicological Information (section 11)	

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Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
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	COMBUSTIBLE.
Flash Points	Closed cup: 51.111°C (124°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.

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. Wash thoroughly after handling. Use appropriate hygiene measures when handling product. Remove and wash contaminated clothing and footwear before re-use. Avoid breathing vapors or spray mists. Use only in well-ventilated areas. Keep away from heat, sparks and flame. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. 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.
Personal Protection	
Eyes	Safety glasses with side shields.
Hands	For prolonged or repeated contact with skin: Chemical resistant gloves.
Respiratory	No special requirements under normal use conditions. If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure.
Feet	No special requirements under normal use conditions.
Body	Wear apron or coverall if potential for exposure to splashes.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Citrus.
Color	Clear Amber.
pH	9 [Basic.]
Specific Gravity	0.98-1
Boiling/Condensation Point	107.22°C (225°F)

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Melting/Freezing Point	0°C (32°F)
Vapor Pressure	10.13 mmHg
Solubility in water	Emulsifies in water.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Keep away from heat, sparks and flame.
Incompatibility with Various Substances	Reactive with oxidizing agents.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Acute oral toxicity (LD50) Estimated to be between 1000 and 2500 mg/kg (rat).
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 an ignitable waste. Dispose of according to all federal, state and local applicable 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.
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 SARA 313 toxic chemical notification and release reporting: Diethanolamine
Clean Water Act (CWA) 311: Dodecylbenzene Sulfonic Acid
CERCLA: Hazardous substances.: Dodecylbenzene Sulfonic Acid, Diethanolamine

State New Jersey: Dodecylbenzene Sulfonic Acid, D-Limonene, Diethanolamine
Massachusetts RTK: Dodecylbenzene Sulfonic Acid, Diethanolamine
Pennsylvania RTK: Dodecylbenzene Sulfonic Acid, Diethanolamine

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.

WHMIS Classification Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Class D-2B: Material causing other toxic effects (TOXIC).

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. All the ingredients are on the DSL list.

Section 16. Other Information

Other Special Considerations Not available.

Version 2

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