

J-WORKS DEGREASING SOLVENT 221

National Fire Protection Association (NFPA)	Fire Hazard Health Reactivity Specific Hazard 1 1 0	Hazardous Material Information System (HMIS) Health 1 Fire Hazard 1 Reactivity 0
Protective Clothing 	Emergency Overview	Clear. Liquid. See Section 9. DANGER: HARMFUL OR FATAL IF SWALLOWED. Aspiration into the lungs may cause chemical pneumonitis. May be mildly irritating to eyes. May be mildly irritating to skin.

Section 1. Chemical Product and Company Identification

Product Name	J-WORKS DEGREASING SOLVENT 221	Code	2918632 & 2918641
Product Use	Industrial/Institutional: Cleaning product.	PMS#	3038549
MSDS#	03816	Validation Date	2/24/2003
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	2/24/2003
		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
Isoparaffinic Hydrocarbon Solvent	64742-47-8	60-100	Not available.	ORAL (LD50): Acute: >10 mg/kg [Rat].

Section 3. Hazards Identification

Routes of Entry	Eye contact. Ingestion. Inhalation. Skin contact
Potential Acute Health Effects	<i>Eyes</i> May be mildly irritating to eyes.
	<i>Skin</i> May be mildly irritating to skin.
	<i>Inhalation</i> None known.
	<i>Ingestion</i> Aspiration into the lungs may cause chemical pneumonitis
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	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Skin Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Inhalation	No specific first aid measures are required.
Ingestion	DO NOT induce vomiting. Call medical attendant, medical doctor, or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	Closed cup: 112.22°C (234°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	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	Do not taste or swallow. Aspiration hazard if swallowed- can enter lungs and cause damage. Avoid contact with eyes, skin and clothing. Use only in well-ventilated areas. Avoid breathing vapors or spray mists. Wash thoroughly after handling. 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. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	
<i>Eyes</i>	Safety glasses with side shields.
<i>Hands</i>	For prolonged or repeated contact with skin: Rubber gloves.
<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	Solvent-like. (Slight.)
Color	Clear.
pH	Not applicable.
Specific Gravity	0.82
Boiling/Condensation Point	260°C (500°F)
Solubility in water	Negligible.

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.
Hazardous Decomposition Products	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 No special precautions. Dispose of according to all federal, state and local applicable 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.
TDG Class

Section 15. Regulatory Information

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

US Regulations

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

Registered Product Information Not applicable.

Canadian Regulations

WHMIS Classification 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 1

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