

J-WAX URETHANE WOOD FINISH

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Health		2	Reactivity
		Specific Hazard		
Protective Clothing		Emergency Overview	Amber. Liquid. See Section 9. DANGER: HARMFUL OR FATAL IF SWALLOWED. Aspiration into the lungs may cause chemical pneumonitis. COMBUSTIBLE. May cause eye and skin irritation.	

Section 1. Chemical Product and Company Identification

Product Name	J-WAX URETHANE WOOD FINISH	Code	4622
Product Use	Industrial/Institutional: Floor care.	PMS#	433108
MSDS#	114620002	Validation Date	04/19/2000
U.S. Headquarters	Canadian Headquarters	Print Date	04/19/2000
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	04/12/2000.
		In Case of Emergency	(800) 851-7145

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Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Isoparaffinic Hydrocarbon Solvent	64742-47-8	25-35	Not available.	Not available.
Stoddard Solvent	8052-41-3	25-35	TWA: 525 (mg/m ³) from OSHA (PEL) [United States] TWA: 525 (mg/m ³) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: >5000 mg/kg [Rat]. DERMAL (LD50): Acute: >3000 mg/kg [Rabbit].
Modified Urethane	68188-21-6	30-60	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	<p>Eyes May be moderately irritating to eyes.</p> <p>Skin May be moderately irritating to skin.</p> <p>Inhalation May be irritating to nose, throat, and respiratory tract. May cause: nausea/vomiting dizziness/vertigo central nervous system depression</p> <p>Ingestion Aspiration during ingestion or vomiting can result in serious lung damage. May cause abdominal discomfort, nausea, vomiting and diarrhea.</p>
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects. 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	Flush immediately with plenty of water. If irritation persists, get medical attention.
Skin Contact	Flush immediately with plenty of water. If irritation persists, get medical attention.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention.
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: 41°C (105.8°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	Liquid will float and may reignite on surface of water. Runoff to sewer may create fire or explosion hazard. Watch for accumulation in low confined areas. Container explosion may occur under fire conditions or when heated.

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. Use only in well-ventilated areas. 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
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	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
Eyes	Safety glasses recommended.
Hands	Neoprene gloves. Rubber gloves. Nitrile gloves.
Respiratory	No special protective clothing is required.
Feet	No special protective clothing is required.
Body	If major exposure is possible, wear suitable protective clothing.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Hydrocarbon.
Color	Amber.
pH	Not available.
Specific Gravity	0.88
Boiling/Condensation Point	157°C (314.6°F)
Vapor Pressure	2 mm of Hg
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	None known. 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. Toxic decomposition products include: Ammoniacal vapors. Oxides of nitrogen.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).
Effects of Chronic Exposure	liver abnormalities kidney abnormalities
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 an ignitable waste. Dispose of according to all federal, state and local regulations.
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Section 14. Transport Information

DOT Classification	
DOT Special Considerations	Combustible non-bulk exemption.
TDG Classification	
TDG Special Considerations	Exempt as per TDG Regulation 2.23.2(1).

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 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.

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Material Safety Data Sheet

Section 16. Other Information

Other Special Considerations Not available.

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