

Fire Hazard **National Fire Hazardous Material** Health 2 **Protection Information System** 0 Fire Hazard 0 Health Reactivity Association (NFPA) (HMIS) Reactivity 0 Specific Hazard

Section	n 1. Chemical Product and Compa	ny Identification	
Clothing		Overview	IRRITATION.
Protective	None required.	Emergency	Blue. Liquid. See Section 9.CAUTION: MAY CAUSE EYE

Section 1. Chemical Product and Company Identification				
Product Name	MANUAL DISHW (UNSCENTED)	ASHING DETERGENT	Code	48136 & 48223
Product Use	duct Use Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.		PMS#	447683
MSDS#	126398005		Validation Date	8/9/2001
U.S. Headquarters		Canadian Headquarters	Print Date	8/9/2001
Johnson Wax Professional 8310 16th Street		Johnson Wax Professional 100 Matheson Blvd. East, Suite 203	Supersedes	7/16/2001.
Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com		Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS#	% by Weight	Exposure Limits	LC50/LD50
Ethyl Alcohol	64-17-5	0.1-1	OSHA (United States). TWA: 1900 mg/m³ ACGIH (United States). TWA: 1880 mg/m³	ORAL (LD50): Acute: 7060 mg/kg [Rat]. VAPOR (LC50): Acute: 20000 ppm 10 hour(s) [Rat].
Alkyl Poly Glycoside	110615-47-9	1-5	Not available.	Not available.
Coconut Diethanolamide	61789-19-3	5-10	Not available.	Not available.
Lauryl Dimethyl Amine Oxide	1643-20-5	5-10	Not available.	Not available.
Cocamidopropyl Betaine	61789-40-0	5-10	Not available.	Not available.
Water	7732-18-5	60-100	Not available.	Not available.

Water	17702 To 0 00 To 1400 available.		
Section 3. Hazards Id	Section 3. Hazards Identification		
Routes of Entry	Inhalation. Skin contact. Eye contact.		
Potential Acute Health Effects			
Eyes	May be moderately irritating to eyes.		
Skin	Prolonged or repeated contact may dry skin and cause irritation.		
Inhalation	None known.		
Ingestion	May cause abdominal discomfort, nausea, vomiting and diarrhea.		
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptable to irritating effects.		
See Toxicological Information	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. Get medical attention if irritation occurs.	
Inhalation	No specific first aid measures are required.	
Ingestion	Immediately drink plenty of water. Seek medical attention.	

Section 5. Fire Fighting Measures		
Flammability of the Product Flash Points	None known. Not available.	
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	Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. FOR 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		
Eye	No special recommendations.	
Hand	s No special protective clothing is required.	
Respirator	y No special protective clothing is required.	
Fee	no special protective clothing is required.	
Bod	y No special protective clothing is required.	

Section 9. Physical and Chemical Properties	
Physical State and Appearance	Liquid.
Odor	Mild.
Color	Blue.
pН	7 to 8 [Basic.]
Specific Gravity	1.01
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°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	Not available.
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 (rat).
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 regulations.

Section 14. Transport Information

DOT Classification

DOT Proper Shipping Name DOT Class UN/NA

DOT Special Considerations

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

TDG Classification

TDG Proper Shipping Name TDG Class PIN/NIP TDG Special

Considerations

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 CERCLA: Hazardous substances.: Ethyl Alcohol

State New Jersey: Ethyl Alcohol

Massachusetts spill list: Ethyl Alcohol Massachusetts RTK: Ethyl Alcohol Pennsylvania RTK: Ethyl Alcohol

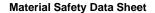
This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Not applicable.

Information

Canadian Regulations

WHMIS Classification CLASS D-2B: Material causing other toxic effects (TOXIC).





WHMIS Icon



Registered Product Not applicable.
Information

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	2	

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