

JP 2 'N 1 DISH DETERGENT/DEGREASER

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	2
	Health			Reactivity	0
	Reactivity			0	
	Specific Hazard				
	Protective Clothing				
Emergency Overview		Clear Liquid. See Section 9. CAUTION: May cause eye and skin irritation.			

Section 1. Chemical Product and Company Identification

Product Name	JP 2 'N 1 DISH DETERGENT/DEGREASER		Code	3856
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.		PMS#	436724
MSDS#	126814002		Validation Date	2/1/2005
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversey.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131		Print Date	2/1/2005
			Supersedes	1/14/2002
			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/m ³ ACGIH (United States). TWA: 1880 mg/m ³ OSHA PEL (United States, 1993). Notes: TWA: 1900 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s) Not available.	ORAL (LD50): Acute: 7060 mg/kg [Rat]. 6300 mg/kg [Rabbit]. 3450 mg/kg [Mouse]. VAPOR (LC50): Acute: 20000 ppm 10 hour(s) [Rat].
Polyoxyethylene Decylpropylamine	68478-95-5	1 - 5	Not available.	Not available.
Alkyl Poly Glycoside	110615-47-5	5 - 10	Not available.	Not available.
Lauryl Dimethyl Amine Oxide	1643-20-5	5 - 10	Not available.	ORAL (LD50): Acute: 2700 mg/kg [Mouse].
Cocamidopropyl Betaine	61789-40-0	10 - 30	Not available.	Not available.
Water	7732-18-5	60 - 100	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
	<i>Eyes</i> May be moderately irritating to eyes.
	<i>Skin</i> May be moderately irritating to skin.
	<i>Inhalation</i> May be irritating to nose, throat, and respiratory tract.
	<i>Ingestion</i> May be irritating to mouth, throat and stomach.

Medical Conditions Persons with pre-existing skin disorders may be more susceptible to irritating effects.
Aggravated by
Overexposure:

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 Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product None known.
Flash Points CLOSED CUP: >93°C (200°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.
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. 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 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 No special requirements under normal use conditions. For prolonged or repeated contact with skin: Rubber gloves. Neoprene gloves.
Respiratory No special requirements under normal use conditions.
Feet No special requirements under normal use conditions.
Body If major exposure is possible, wear suitable protective clothing.

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid.
Odor Odorless.
Color Green.
pH 7.5
Specific Gravity 1.02

Melting/Freezing Point	0°C (32°F)
Viscosity	300 cP (Dynamic).
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.
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	None known.

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.
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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 302/304/311/312 hazardous chemicals: Sodium Chloride, Lauryl Dimethyl Amine Oxide, Ethyl Alcohol
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Sodium Chloride, Lauryl Dimethyl Amine Oxide, Ethyl Alcohol
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 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.

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