

DEEP KLEEN WATERLESS HAND CLEANSER WITH PUMICE

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	1	
	Health			Reactivity	2	
	Specific Hazard			Reactivity	0	
Protective Clothing	None required.		Emergency Overview	Blue. Green. Gel. Pleasant. Odor. CAUTION: COMBUSTIBLE. May be mildly irritating to eyes.		

Section 1. Chemical Product and Company Identification

Product Name DEEP KLEEN WATERLESS HAND CLEANSER WITH PUMICE		Code	5617
Product Use Industrial/Institutional: Personal care product.		PMS#	3127808
MSDS# 115610002		Validation Date	5/12/2003
U.S. Headquarters Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Canadian Headquarters Johnson Wax Professional 100 Matheson Blvd. East, Suite 203 Mississauga, Ontario L4Z 2G7 Phone: (905) 755-0913 or (888) 746-5971	Print Date	5/12/2003
		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
Petrolatum	8009-03-8	<1.0	Not available.	Not available.
Triethanolamine	102-71-6	<1.0	ACGIH (United States). TWA: 5 mg/m ³	ORAL (LD50): Acute: 8000 mg/kg [Rat]. 5846 mg/kg [Mouse]. 2200 mg/kg [Rabbit]. DERMAL (LD50): Acute: >20000 mg/kg [Rabbit]. 16000 mg/kg [Rat].
Monoethanolamine	141-43-5	1-5	OSHA (United States). TWA: 8 mg/m ³ STEL: 15 mg/m ³ ACGIH (United States). TWA: 7.5 mg/m ³ STEL: 15 mg/m ³	ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
Pumice	1332-09-8	5-10	Not available.	Not available.
Propylene Glycol	57-55-6	5-10	Not available.	ORAL (LD50): Acute: 20000 mg/kg [Rat]. DERMAL (LD50): Acute: 20800 mg/kg [Rabbit].
Oleic Acid	112-80-1	5-10	Not available.	ORAL (LD50): Acute: 74000 mg/kg [Rat].
Alkylphenoxy Polyethoxyethano	9016-45-9	5-10	Not available.	ORAL (LD50): Acute: 1310 mg/kg [Rat].
Water	7732-18-5	30-60	Not available.	Not available.
Isoparaffinic Hydrocarbon Solvent	64742-48-9	30-60	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry Inhalation. Skin contact. Eye contact.

Potential Acute Health Effects

Eyes May be mildly 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 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. Get medical attention if irritation occurs.

Skin Contact Rinse with plenty of running water.

Inhalation No specific first aid measures are required.

Ingestion Immediately drink plenty of water. If discomfort persists, get medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product COMBUSTIBLE.

Flash Points CLOSED CUP: 58°C (136.4°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. Avoid breathing vapors or spray mists. Use appropriate hygiene measures when handling product. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. Use only in well-ventilated areas.

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 No special requirements under normal use conditions.

Hands No special requirements under normal use conditions.

Respiratory No special requirements under normal use conditions.

Feet No special requirements under normal use conditions.

Body No special protective clothing is required.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid. (Gel.)
Odor	Pleasant.
Color	Blue. Green.
pH	Not available.
Specific Gravity	0.9
Boiling/Condensation Point	99 to 100°C (210.2 to 212°F)
Melting/Freezing Point	0°C (32°F)
Viscosity	45000 cP (Dynamic).
Solubility in water	Dispersible.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Excessive heat.
Incompatibility with Various Substances	Reactive with oxidizing agents.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion. Toxic decomposition products include: Oxides of carbon.
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 (rabbit).
Effects of Chronic Exposure	None known.
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 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

State New Jersey: Monoethanolamine
 Massachusetts spill list: Monoethanolamine
 Massachusetts RTK: Monoethanolamine
 Pennsylvania RTK: Monoethanolamine, Propylene Glycol, Oleic Acid

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

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Registered Product Information Not applicable.

Canadian Regulations

Canadian NPRI Canadian NPRI: Alkylphenoxy Polyethoxyethanol.

WHMIS Classification Not applicable.

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

Section 16. Other Information

Other Special Considerations Not available.

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