

DEEP KLEEN HEAVY-DUTY NATURAL ORANGE HAND CLEANER

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	1
	Health		1	Reactivity
	Specific Hazard		Fire Hazard	0
			Reactivity	0
Protective Clothing	None required.	Emergency Overview	Orange. Opaque Emulsion. See Section 9. CAUTION: May be mildly irritating to eyes.	

Section 1. Chemical Product and Company Identification

Product Name	DEEP KLEEN HEAVY-DUTY NATURAL ORANGE HAND CLEANER	Code	5508
Product Use	Industrial/Institutional: Personal care product.	PMS#	3128245
MSDS#	126597001	Validation Date	5/14/2003
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	5/14/2003
		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
Alkylphenoxy Polyethoxyethano	9016-45-9	1-5	Not available.	ORAL (LD50): Acute: 1310 mg/kg [Rat].
Cocamide Diethanolamine	68603-42-9	1-5	Not available.	Not available.
Dipentene	138-86-3	1-5	Not available.	ORAL (LD50): Acute: 5300 mg/kg [Rat].
Ethylene Glycol Phenyl Ether	122-99-6	1-5	Not available.	ORAL (LD50): Acute: 1260 mg/kg [Rat].
Mineral Oil	8012-95-1	1-5	OSHA (United States). TWA: 5 mg/m ³ ACGIH (United States). TWA: 5 mg/m ³ STEL: 10 mg/m ³	Not available.
Propylene Glycol	57-55-6	1-5	Not available.	ORAL (LD50): Acute: 20000 mg/kg [Rat]. DERMAL (LD50): Acute: 20800 mg/kg [Rabbit].
Wax	9002-88-4	1-5	Not available.	ORAL (LD50): Acute: >3000 mg/kg [Rat].
Mineral Spirits	8032-32-4	5-10	OSHA (United States). TWA: 1350 mg/m ³ STEL: 1800 mg/m ³ ACGIH (United States). TWA: 1370 mg/m ³	VAPOR (LC50): Acute: 3400 ppm 4 hour(s) [Rat].
Water	7732-18-5	60-100	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry Inhalation. 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 None known.

Flash Points 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. Use appropriate hygiene measures when handling product. 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 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.

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Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid. (Opaque Emulsion.)
Odor	Citrus.
Color	Orange.
pH	7.7 [Basic.]
Specific Gravity	0.96
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	None known.
Incompatibility with Various Substances	None known.
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	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 313 toxic chemical notification and release reporting: Ethylene Glycol Phenyl Ether

State New Jersey: Dipentene, Mineral Spirits
Massachusetts RTK: Mineral Oil
Pennsylvania RTK: Propylene Glycol, Mineral Oil, Mineral Spirits

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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