


DEEP KLEEN HEAVY-DUTY NATURAL ORANGE HAND CLEANER

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	1
	Health			Fire Hazard	0
	Reactivity			Reactivity	0
	Specific Hazard				
	Protective Clothing			Emergency Overview	
None required.		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#	433405
MSDS#		126597001		Validation Date	04/19/2000
U.S. Headquarters		Canadian Headquarters		Print Date	04/20/2000
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

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Nonoxynol-9	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].
Phenoxyethanol	122-99-6	1-5	Not available.	ORAL (LD50): Acute: 1260 mg/kg [Rat].
Mineral Oil	8012-95-1	1-5	TWA: 5 (mg/m ³) from OSHA (PEL) [United States] TWA: 5 STEL: 10 (mg/m ³) from ACGIH (TLV) [United States]	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	TWA: 1350 STEL: 1800 (mg/m ³) from OSHA (PEL) [United States] TWA: 1370 (mg/m ³) from ACGIH (TLV) [United States]	VAPOR (LC50): Acute: 3400 ppm 4 hours [Rat].
Water	7732-18-5	60-100	Not available.	Not applicable.

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.

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CLEANER**

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 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	
<i>Eyes</i>	No special protective clothing is required.
<i>Hands</i>	No special requirements under normal use conditions.
<i>Respiratory</i>	No special protective clothing is required.
<i>Feet</i>	No special protective clothing is required.
<i>Body</i>	No special protective clothing is required.

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	Not regulated
TDG Classification	Not regulated

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

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.

Registered Product Information Not applicable.

Canadian Regulations

Canadian NPRI Not applicable.
 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.

**DEEP KLEEN HEAVY-DUTY NATURAL ORANGE HAND
CLEANER****Section 16. Other Information**

Other Special Considerations	Not available.
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Version	1
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