

LOCTITE CORPORATION

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

12/10/98

MATERIAL SAFETY DATA SHEET

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Fast Orange (R) Smooth Hand Cleaner Professional
99008

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: Pack with Corn Huskers Lotion(R)
99008
Product Type: Industrial Waterless Handcleaner

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Water	7732-18-5	80-90
Terpenes and terpenoids, sweet orange-oil	68647-72-3	5-15
d-Limonene	5989-27-5	***
PO/EO linear C6-12 Alcohol	68154-97-2	1-5
Triethanolamine	0102-71-6	0.1-1

***d-Limonene is a major fraction of the sweet orange oil terpenes/terpenoids.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
d-Limonene	None	None	30 ppm

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)

3. HAZARDS IDENTIFICATION

Toxicity: Oral LD50 more than 5000 mg/kg
Primary Routes of Entry: Skin contact, ingestion, and inhalation.
Signs and Symptoms of Exposure: None under normal conditions of use.
Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen NTP IARC OSHA
Water	No Data	NO NO NO
Terpenes and terpenoids, sweet orange-oil	No Data	NO NO NO

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3. HAZARDS IDENTIFICATION (continued)

d-Limonene	IRR	NO	N/A	NO
PO/EO linear C6-12 Alcohol	No Data	NO	NO	NO
Triethanolamine	No Data	NO	NO	NO

Abbreviations

N/A Not Applicable IRR Irritant

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Call physician immediately
 Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
 Skin Contact: Flush with water.
 Eye Contact: Flush at least 15 minutes with water. Call physician immediately.

5. FIRE FIGHTING MEASURES

Flash Point: 193°F Method: Setaflash Closed Cup
 Recommended
 Extinguishing Agents: Carbon dioxide, chemical powder
 Special Firefighting Procedures: Not available
 Hazardous Products formed by Fire or Thermal Decomp Irritating organic vapors
 Unusual Fire or Explosion Hazards: None
 Explosive Limits:
 (% by volume in air) Lower Not available
 (% by volume in air) Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Rinse away with water or wipe up with a towel.

7. HANDLING AND STORAGE

Safe Storage: Hand cleaner should be stored between 40°F and 100°F
 (Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
 Handling: Follow all general safety precautions. Keep away

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7. HANDLING AND STORAGE (continued)

from children.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Not normally needed, but safety glasses offer increased protection.
 Skin: None normally needed.
 Ventilation: Some local ventilation may be desired for prolonged exposure in a confined area.
 Respiratory Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Viscous Lotion
 Odor: Orange
 Boiling Point: Not Available
 pH: 5.5
 Solubility in Water: Soluble
 Specific Gravity 0.97
 Volatile Organic Compound (EPA Method 24) 10.2%; 98.9 grams per liter of material
 Vapor Pressure: Not available
 Vapor Density: Not available
 Evaporation Rate (Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable
 Hazardous Polymerization: Will not occur
 Incompatibility: None
 Conditions to Avoid: Not available
 Hazardous Decomposition Products (non-thermal): None

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

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13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Dispose of uncontaminated material through sewage system with permission of the authority responsible for that system.
 Follow EPA and local regulations.

EPA Hazardous Waste Number NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification Number: None
Marine Pollutant: None

IATA
Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65: No California Proposition 65 chemicals are known to be present at or above the No Significant Risk level.

16. OTHER INFORMATION

Estimated NFPA(R) Code:
Health Hazard: 1
Fire Hazard: 2
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 1
Flammability Hazard: 2
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: C.J. Michaels
Title: Health and Safety Dept.

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16. OTHER INFORMATION (continued)

Company: Loctite Corp.,
1001 Trout Brook Crossing, Rocky Hill CT 06067
(24hr.) Phone: (860) 571-5100
Revision Date: March 17, 1998 Revision: First Issue

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