

MATERIAL SAFETY DATA SHEET

Page 01 of 04

Loctite(R) Orange Hand Cleaner Smooth Lotion
23116

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Loctite(R) Orange Hand Cleaner Smooth Lotion
Item No.: 23116
Part No.: 23-116
Product Type: Industrial Handcleaner

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Water	7732-18-5	75-90
d-Limonene	5989-27-5	5-8
Nonoxynol-9	09016-45-9	3-5
Paraffinic hydrocarbon	8009-03-8	1-3
C12-16 Ethoxylated alcohols	68551-12-2	1-3
Propylene glycol	57-55-6	1-3

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: None under normal conditions of use.
Primary Routes of Entry: Skin contact, ingestion, and inhalation.
Signs and Symptoms of Exposure: None under normal conditions of use. May cause eye irritation. Excessive use may result in skin irritation.
Existing Conditions
Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Water	NTO	NO	NO	NO
d-Limonene	IRR	NO	N/A	NO
Nonoxynol-9	IRR	NO	NO	NO
Paraffinic hydrocarbon	IRR	NO	NO	NO
C12-16 Ethoxylated alcohols	No Data	NO	NO	NO

MATERIAL SAFETY DATA SHEET

Page 02 of 04

Product Name: Loctite(R) Orange Hand Cleaner Smooth Lotion
Item No.: 23116

3. HAZARDS IDENTIFICATION

(continued)

Propylene glycol IRR NO NO NO

Abbreviations

N/A Not Applicable IRR Irritant
NTO No Target Organs

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: None required.
Eye Contact: Flush at least 15 minutes with water. Call
physician immediately.

5. FIRE FIGHTING MEASURES

Flash Point: Greater than 145°F PM CCT
Recommended
Extinguishing Agents: Carbon dioxide, vfoam, dry chemical
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
from children.

MATERIAL SAFETY DATA SHEET

Page 03 of 04

Product Name: Loctite(R) Orange Hand Cleaner Smooth Lotion
Item No.: 23116

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: Citrus
Boiling Point: 186°F
pH: Not determined
Solubility in Water: Soluble
Specific Gravity: 1.07
Volatile Organic Compound
(EPA Method 24) 6.6%
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

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Follow EPA and local regulations.
EPA Hazardous Waste Number: NH - Not a RCRA Hazardous Waste Material

MATERIAL SAFETY DATA SHEET

Page 04 of 04

Product Name: Loctite(R) Orange Hand Cleaner Smooth Lotion
Item No.: 23116

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 Regulatory Affairs
Company: Loctite Corp.,
1001 Trout Brook Crossing, Rocky Hill, CT 06067.
(24hr.) Phone: (860) 571-5100
Revision Date: January 02, 2003 Revision: 0001