

LOCTITE CORPORATION

1001 TROUT BROOK CROSSING
ROCKY HILL, CT 06067-3910
EMERGENCY PHONE: (203) 571-5100ISSUED 6/28/95
2:40:44
FAX: (203) 571-5465MATERIAL SAFETY DATA SHEET

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I. PRODUCT IDENTIFICATION

Product Name: Fast Orange(R) Pumice Formula Hand Cleaner
Item No.: 25218
Part No.: 25-218
Product Type: Industrial Waterless Handcleaner

II. COMPOSITION

Ingredients	CAS No.	%
Water	7732-18-5	70-80
Pumice	1332-09-8	5-10
Terpenes and terpenoids, sweet orange-oil	68647-72-3	5-10
d-Limonene	5989-27-5	***
Nonionic surfactant	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.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: Not available
Vapor Density: Not available
Solubility in Water: Soluble
Specific Gravity: 1.03
Boiling Point: Not Available
Volatile Organic Compound
(EPA Method 24) 9.2%; 95 grams per liter of material
Evaporation Rate
(Ether = 1) Not available
pH: 5.5
Appearance: White lotion with pumice.
Odor: Orange

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point: 193°F Method: Setflash Closed Cup
Estimated NFPA Code:
Health Hazard: 1
Fire Hazard: 2
Reactivity Hazard: 0
Specific Hazard: Does not apply
Estimated HMIS Code:
Health Hazard: 1
Flammability Hazard: 2
Reactivity Hazard: 0
Personal Protection: See Section X.
Explosive Limits:
(% by volume in air) Lower: Not available
(% by volume in air) Upper: Not available
Recommended
Extinguishing Agents: Carbon dioxide, chemical powder
Hazardous Products Formed
by Fire or Thermal Decomp: Irritating organic vapors
Unusual Fire or
Explosion Hazards: None
Compressed Gases: None
Pressure at Room Temp.: Does not apply

V. SPILL OR LEAK AND DISPOSAL PROCEDURES

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

VI. STORAGE AND HANDLING PROCEDURES

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.

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Product Name: Fast Orange(R) Pumice Formula Hand Cleaner
Item No.: 25218VII. SHIPPING REGULATIONS

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

VIII. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur.
Hazardous Decomposition: None
Products (non-thermal): None
Incompatibility: None

IX. EMERGENCY TREATMENT PROCEDURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
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. Obtain medical attention.

X. 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.

XI. HEALTH HAZARD DATA

Toxicity: Estimated 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

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Pumice	10 mg/m3 total	15 mg/m3 total 5 mg/m3 resp.	None
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

Ingredients for which no Exposure Limits have been established are not listed above.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Water	No Data	NO	NO	NO
Pumice	No Data	NO	NO	NO
Terpenes and terpenoids, sweet orange-oil	No Data	NO	NO	NO
d-Limonene	IRR	NO	N/A	NO
Nonionic surfactant	No Data	NO	NO	NO
Triethanolamine	No Data	NO	NO	NO

Abbreviations

N/A Not Applicable

IRR Irritant