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Material Safety Data Sheet

Barnes Distribution

MSDS Form No. : 75453
Item No. : 39170, 39170-1, 39171, 39171-1, 75453

**** MATERIAL SAFETY DATA SHEET ****

FAST ORANGE HAND CLEANER (25116)

Part # 75453

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: FAST ORANGE HAND CLEANER (25116)
 Product CAS: (none)
 Product Code:
 Synonyms: 39170; 39170-1; 39171; 39171-1; 75453; FAST ORANGE HAND CLEANER (25116); FST ORNG
 PUMIC LTN 15FO BO
 Company Identification:
 Name: Loctite Corporation
 Address: 1001 Trout Brook Crossing
 Address:
 City: Rocky Hill State: CT Zip: 06067-3910
 For information, call: (203) 571-5100
 Emergency Number: 203-571-5100
 Emergency Agency:
 Number:
 MSDS Creation Date: 1/1/2003
 Supersedes Date: 1/1/1998
 Miscellaneous:
 ITEM NO.: 25116
 PART NO.: 25-116
 PRODUCT TYPE: INDUSTRIAL WATERLESS HANDCLEANER

CAS #: N/A
 CHEMICAL NAME: N/A
 BRIEF DESCRIPTION: N/A

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical Name	CAS	MIN	MAX
D-LIMONENE	5989-27-5	0	0
NONIONIC SURFACTANT	68154-97-2	5	5
PUMICE	1332-09-8	10	10
TERPENES AND TERPENOIDS, SWEET ORANGE-OI	68647-72-3	10	10
TRIEETHANOLAMINE	102-71-6	1	1
WATER	7732-18-5	80	80

Miscellaneous:
 ***D-LIMONENE IS A MAJOR FRACTION OF THE SWEET ORANGE OIL TERPENES/TERPENOIDS.

EXPOSURE LIMITS (TWA):

	ACGIH TLV	OSHA PEL	OTHER
PUMICE	10 MG/M3 TOTAL	15 MG/M3 TOTAL	NONE
	5 MG/M3 RESP.		

EXPOSURE LIMITS (STEL): INGREDIENTS FOR WHICH NO EXPOSURE LIMITS HAVE BEEN ESTABLISHED ARE NOT LISTED.

Lbs of VOC per Gallon Coating (minus water): 0.792
 Coating Density (lbs/gal): 0
 Solvent Density (lbs/gal): 0
 Percent Solvent (volume): 0
 Percent Solids (volume): 0
 Percent Water (volume): 0

**** SECTION 3 - HAZARDS IDENTIFICATION ****

NFPA: Health: 1 Fire: 2 Reactivity: 0 Other:
 HMIS: Health: 1 Fire: 2 Reactivity: 0 Special Protection:

POTENTIAL HEALTH EFFECTS

Target Organs:

Eye:
SIGNS AND SYMPTOMS OF EXPOSURE: NONE UNDER NORMAL CONDITIONS OF USE.
EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

Skin:
PRIMARY ROUTE OF ENTRY.
SIGNS AND SYMPTOMS OF EXPOSURE: NONE UNDER NORMAL CONDITIONS OF USE.
EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

Ingestion:
PRIMARY ROUTE OF ENTRY.
SIGNS AND SYMPTOMS OF EXPOSURE: NONE UNDER NORMAL CONDITIONS OF USE.
EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

Inhalation:
PRIMARY ROUTE OF ENTRY.
SIGNS AND SYMPTOMS OF EXPOSURE: NONE UNDER NORMAL CONDITIONS OF USE.
EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

Miscellaneous:

**** SECTION 4 - FIRST AID MEASURES ****

Eye:
FLUSH AT LEAST 15 MINUTES WITH WATER. OBTAIN MEDICAL ATTENTION.
Skin:
FLUSH WITH WATER.
Ingestion:
DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION.

Inhalation:
REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION.

Notes to Physician:

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Unusual Fire and Explosion Hazards:
NONE.
COMPRESSED GASES: NONE.
PRESSURE AT ROOM TEMP.: DOES NOT APPLY.
Special Fire Fighting Procedures:
NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER
Extinguishing Media:
CARBON DIOXIDE, CHEMICAL POWDER.

Flash Point:
193 F. (METHOD: SETAFLASH CLOSED CUP).

Flammable Limits:
Lower Limit:
EXPLOSIVE LIMIT (LEL): (% BY VOLUME IN AIR): NOT AVAILABLE.
Upper Limit:
EXPLOSIVE LIMIT (UEL): (% BY VOLUME IN AIR): NOT AVAILABLE.

AutoIgnition Temperature:

General Information:
FLAMMABLE LIMITS: NO DATA

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Disposal:

DISPOSE OF UNCONTAMINATED MATERIAL THROUGH SEWAGE SYSTEM WITH PERMISSION OF THE AUTHORITY RESPONSIBLE FOR THAT SYSTEM. FOLLOW EPA AND LOCAL REGULATIONS.

Spills/Leaks:

RINSE AWAY WITH WATER OR WIPE UP WITH A TOWEL.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:

FOLLOW ALL GENERAL SAFETY PRECAUTIONS. KEEP AWAY FROM CHILDREN.

Storage:

SAFE STORAGE: HAND CLEANER SHOULD BE STORED BETWEEN 40 F. AND 100 F. (CONTACT LOCTITE CUSTOMER SERVICE 800-243-4874 FOR SHELF LIFE INFORMATION).

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

LOCAL EXHAUST: SOME LOCAL VENTILATION MAY BE DESIRED FOR PROLONGED EXPOSURE IN A CONFINED AREA.

MECHANICAL (GENERAL): NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER

SPECIAL VENTILATION: NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER

OTHER VENTILATION: NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER

Eyes:

NOT NORMALLY NEEDED, BUT SAFETY GLASSES OFFER INCREASED PROTECTION.

Skin:

PROTECTIVE GLOVES: NONE NORMALLY NEEDED.

Clothing:

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER

Respirators:

(SPECIFY TYPE): NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Appearance/Odor:

WHITE LOTION WITH PUMICE. ODOR: ORANGE.

pH: 5.5

Vapor Pressure: (MM HG.): NOT AVAILABLE

Vapor Density: (AIR = 1): NOT AVAILABLE

Evaporation Rate: (ETHER = 1): NOT AVAILABLE

Viscosity:

Boiling Point: NOT AVAILABLE.

Freezing/Melting Point:

Decomposition Temperature:

Solubility: IN WATER: SOLUBLE

Specific Gravity: 1.03

Molecular Formula: N/A

Molecular Weight:

Miscellaneous:

VOLATILE ORGANIC COMPOUND (EPA METHOD 24): 9.2%; 95 GRAMS PER LITER OF MATERIAL.

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:

STABLE: YES

Conditions to Avoid:

NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER

Incompatibilities with Other Materials:

NONE.

Hazardous Decomposition Products:

HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMP.: IRRITATING ORGANIC VAPORS.

(NON-THERMAL): NONE.

Hazardous Polymerization:

MAY OCCUR: NO

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Toxicological Information:

TOXICITY: ESTIMATED ORAL LD50 MORE THAN 5000 MG/KG

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
TRIEETHANOLAMINE	NO DATA	NO	NO	NO

ABBREVIATIONS:

N/A NOT APPLICABLE

IRR IRRITANT

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecological Information:

**** SECTION 13 - OTHER PRECAUTIONS ****

Other Precautions:

NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER

Work/Hygienic Practices:

NO CORRESPONDING DATA IN MSDS PROVIDED BY MANUFACTURER

**** SECTION 14 - TRANSPORT INFORMATION ****

Transportation Information:

CATEGORY: ORM-D

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

Label Information:

**** SECTION 15 - REGULATORY INFORMATION ****

Regulatory Information:

**** SECTION 16 - ADDITIONAL INFORMATION ****

Additional Information: