



Material Safety Data Sheet

Section 1: Product & Company Identification

Product Name: Mechanix Orange™ Citrus Lotion Hand Cleaner w/Pumice

Product Number (s): SL1712, SL1717, SL1719

Manufactured By:

CRC Industries, Inc.
885 Louis Drive
Warminster, PA 18974
www.crcindustries.com

General Information	(215) 674-4300
Technical Assistance	(800) 521-3168
Customer Service	(800) 272-4620
24-Hr Emergency (CHEMTREC)	(800) 424-9300

Section 2: Hazards Identification

Emergency Overview

Appearance & Odor: Thick white lotion with pumice, natural citrus odor

As defined by OSHA's Hazard Communication Standard, this product is nonhazardous.

Potential Health Effects:

EYE:	May cause moderate to severe eye irritation due to the pumice.
SKIN:	Non-irritating under normal usage. Persons sensitized to d-limonene may have a reaction when exposed to this product.
INHALATION:	No health effects expected.
INGESTION:	May cause upset stomach and nausea.
CHRONIC EFFECTS:	None known
TARGET ORGANS:	None known

Medical Conditions Aggravated by Exposure:

pre-existing skin conditions

See Section 11 for toxicology and carcinogenicity information on product ingredients.

Section 3: Composition/Information on Ingredients

COMPONENT	CAS NUMBER	% by Wt.
Water	7732-18-5	70 - 90
d-Limonene	5989-27-5	5 - 10
Surfactant	34398-01-1	1 - 5
Petrolatum	8009-03-8	1 - 5
Pumice	1332-09-8	5 - 10

Section 4: First Aid Measures

Eye Contact: Immediately flush with plenty of water for 15 minutes. Do not rub. Call a physician if irritation persists.

Skin Contact: Non-irritating under normal usage. Wash off with water or wipe off with a towel.

Inhalation: Remove person to fresh air. Call a physician if health effects are experienced.

Ingestion: Drink water to dilute. Do not induce vomiting. Contact a physician or poison control center.

Note to Physicians: Treat symptomatically.

Section 5: Fire-Fighting Measures

Flammable Properties: As defined by OSHA, this product is nonflammable.

Flash Point:	> 210 F (PMCC)	Upper Explosive Limit:	ND
Autoignition Temperature:	ND	Lower Explosive Limit:	ND

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Products of Combustion: None

Protection of Fire-Fighters: Firefighters should be protected against the dangers associated with the surrounding fire. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

Section 6: Accidental Release Measures

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Take precautions to prevent contamination of ground and surface waters. This product is not considered detrimental to sewers and septic systems under normal usage.

Methods for Containment & Clean-up: For small spills, wipe up spilled material with paper towel. For larger spills, remove spilled material with a shovel or other suitable device. Wash contaminates area with soap and water. Repeat washing until area is no longer slippery. Allow to dry.

Section 7: Handling and Storage

Handling Procedures: No special handling required.

Storage Procedures: Store in a cool dry area out of direct sunlight. Keep out of reach of children. Keep containers closed when not in use. Use older product first.

Aerosol Storage Level: NA

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines:

COMPONENT	OSHA		ACGIH		OTHER		UNIT
	TWA	STEL	TWA	STEL	TWA	SOURCE	
Water	NE	NE	NE	NE	NE		
d-Limonene	NE	NE	NE	NE	30	AIHA	ppm
Surfactant	NE	NE	NE	NE	NE		
Petrolatum	NE	NE	NE	NE	NE		
Pumice	NE	NE	NE	NE	NE		
N.E. – Not Established (c) – ceiling (s) – skin (v) – vacated							

Engineering Controls: If working in a confined space, follow applicable OSHA regulations

Respiratory Protection: None required for normal conditions of use.

Eye/face Protection: None required for normal conditions of use. Where there is reasonable probability of eye contact, wear splash-proof goggles.

Skin Protection: None required for normal conditions of use.

Section 9: Physical and Chemical Properties

Physical State: viscous liquid

Color: white with pumice

Odor: citrus

Specific Gravity: 0.95 – 1.1

Initial Boiling Point: ND

Freezing Point: ND

Vapor Pressure: ND

Vapor Density: ND (air = 1)

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Evaporation Rate: < 1 (ether = 1)

Solubility: soluble in water

pH: 6.2 – 7.2

Volatile Organic Compounds: wt %: 6.2 g/L: 60.76 lbs./gal: 0.51

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: None

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: No

Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. The following information is available for components of this product.

ACUTE EFFECTS

<u>Component</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
d-Limonene	LD50	> 2000 mg/kg	Dermal	Rabbit

CHRONIC EFFECTS

Carcinogenicity:

	<u>Component</u>	<u>Result</u>
OSHA:	None listed	
IARC:	None listed	
NTP:	None listed	

Mutagenicity: None known

Other: None

Section 12: Ecological Information

Ecological studies have not been conducted for this product. The following information is available for components of this product.

Ecotoxicity:	No information available.
Persistence / Degradability:	No information available.
Bioaccumulation / Accumulation:	No information available.
Mobility in Environment:	No information available.

Section 13: Disposal Considerations

Disposal: This material is not a RCRA hazardous waste. (See 40 CFR Part 261.20 – 261.33)

All disposal activities must comply with federal, state and local regulations. Local regulations may be more stringent than state or national requirements.

Section 14: Transport Information

Proper shipping description:

US DOT (ground): Not Regulated

Special Provisions: None

Section 15: Regulatory Information

U.S. Federal

Toxic Substances Control Act (TSCA):

All ingredients are either listed on the TSCA inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Reportable Quantities (RQ's) exist for the following ingredients: None

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Superfund Amendments Reauthorization Act (SARA) Title III:

Section 302 Extremely Hazardous Substances (EHS): None

Section 311/312 Hazard Categories:	Fire Hazard	No
	Reactive Hazard	No
	Release of Pressure	No
	Acute Health Hazard	No
	Chronic Health Hazard	No

Section 313 Toxic Chemicals: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:
None

Clean Air Act:

Section 112 Hazardous Air Pollutants (HAPs): None

State Regulations

California Safe Drinking Water and Toxic Enforcement Act (Prop 65):

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This product may contain the following chemicals known to the state of
California to cause cancer, birth defects or other reproductive harm: NONE

State Right to Know:

New Jersey: 1310-73-2
Pennsylvania: 57-55-6, 1310-73-2
Massachusetts: None
Rhode Island : 57-55-9

Additional Regulatory Information: None

Section 16: Other Information

NFPA: Health: 1 Flammability: 0 Reactivity: 0
HMIS: Health: 1 Flammability: 0 Reactivity: 0 PPE: None

Prepared By: Michelle Rudnick
CRC #: SL1712
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Changes since last revision: Section 3: CAS# update

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
PMCC:	Pensky-Martens Closed Cup	g/L:	grams per Liter
PPE:	Personal Protection Equipment	lbs./gal:	pounds per gallon
TWA:	Time Weighted Average	STEL:	Short Term Exposure Limit
OSHA:	Occupational Safety and Health Administration		
ACGIH	American Conference of Governmental Industrial Hygienists		
NIOSH	National Institute of Occupational Safety & Health		
AIHA	American Industrial Hygiene Association		