



# MATERIAL SAFETY DATA SHEET

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## Section 1: Product & Company Identification

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

**Product Number (s):** SL1719

**Product Use:** Hand Cleaner

**Manufacturer / Supplier Contact Information:**

In United States:

CRC Industries, Inc.

885 Louis Drive

Warminster, PA 18974

[www.crcindustries.com](http://www.crcindustries.com)

1-215-674-4300 (General)

(800) 521-3168 (Technical)

(800) 272-4620 (Customer Service)

In Canada:

CRC Canada Co.

2-1246 Lorimar Drive

Mississauga, Ontario L5S 1R2

[www.crc-canada.ca](http://www.crc-canada.ca)

1-905-670-2291

24-Hr Emergency – CHEMTREC: (800) 424-9300 or (703) 527-3887

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## Section 2: Hazards Identification

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Emergency Overview

Appearance & Odor: Viscous white lotion, citrus fragrance

**Potential Health Effects:**

**ACUTE EFFECTS:**

**EYE:** Product contains pumice, an abrasive, which may cause severe irritation to eyes.

**SKIN:** No irritation expected under normal usage. Persons sensitized to d-limonene may have a reaction when exposed to this product.

**INHALATION:** No health effects expected.

**INGESTION:** Ingestion of small quantities usually not serious unless aspiration occurs. Ingestion of large quantity may require immediate medical attention.

**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.

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### Section 3: Composition/Information on Ingredients

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COMPONENT	CAS NUMBER	% by Wt.
Water	7732-18-5	75 - 85
Pumice	1332-09-8	5 - 10
Surfactant	34398-01-1	5 - 10
Propylene glycol	57-55-6	1 - 3

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### Section 4: First Aid Measures

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

Skin Contact: Not irritating under normal usage. Wash off with water or wipe off with a towel.

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

Ingestion: Do not induce vomiting. If vomiting occurs, lower head below knees to avoid aspiration. Contact a physician or poison control center immediately.

*Note to Physicians:* Treat symptomatically.

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### Section 5: Fire-Fighting Measures

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**Flammable Properties:** This product is nonflammable.  
Flash Point: > 210°F / 99°C (PMCC) Upper Explosive Limit: ND  
Autoignition Temperature: ND Lower Explosive Limit: ND

**Fire and Explosion Data:**

Suitable Extinguishing Media: CO<sub>2</sub>, water fog, foam, dry chemicals

Products of Combustion: None known

Explosion Hazards: Containers, when exposed to heat from fire, may build pressure and rupture.

Protection of Fire-Fighters: Firefighters should wear self-contained, NIOSH-approved breathing apparatus for protection against suffocation and possible toxic decomposition products. Proper eye and skin protection should be provided. Use water spray to keep fire-exposed containers cool and to knock down vapors which may result from product decomposition.

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### Section 6: Accidental Release Measures

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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 contaminated area with soap and water. Repeat washing until area is no longer

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slippery. Allow to dry.

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## Section 7: Handling and Storage

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Handling Procedures: Close containers when not in use. For product use instructions, please see the product label.

Storage Procedures: Store in a cool dry area out of direct sunlight. Keep out of reach of children. Containers should be tightly closed while in storage.

Aerosol Storage Level: NA

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## Section 8: Exposure Controls/Personal Protection

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### Exposure Guidelines:

COMPONENT	OSHA		ACGIH		OTHER		UNIT
	TWA	STEL	TWA	STEL	TWA	SOURCE	
Water	NE	NE	NE	NE	NE		
Pumice	NE	NE	NE	NE	NE		
Surfactant	NE	NE	NE	NE	NE		
Propylene glycol	NE	NE	NE	NE	NE		

N.E. – Not Established      (c) – ceiling      (s) – skin      (v) – vacated

### Controls and Protection:

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 material contacting eyes, wear splash-proof goggles.

Skin Protection: None required.

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## Section 9: Physical and Chemical Properties

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Physical State: viscous lotion

Color: white

Odor: citrus

Odor Threshold: ND

Specific Gravity: 1.0

Initial Boiling Point: 212°F / 100°C

Freezing Point: 32°F / 0°C

Vapor Pressure: ND

Vapor Density: ND (air = 1)

Evaporation Rate: slow

Solubility: soluble in water

Coefficient of water/oil distribution: ND

pH: 6.7

Volatile Organic Compounds: wt %: 0      g/L: 0      lbs./gal: 0

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## Section 10: Stability and Reactivity

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Stability: Stable

Conditions to Avoid: Avoid freezing.

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: No

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## Section 11: Toxicological Information

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

### **Acute Toxicity:**

<u>Component</u>	<u>Oral LD50 (rat)</u>	<u>Dermal LD50 (rabbit)</u>	<u>Inhalation LC50 (rat)</u>
Water	> 90 mL/kg	No data	No data
Pumice (an abrasive)	No data	No data	No data
Surfactant	No data	No data	No data
Propylene glycol	> 5 g/kg	> 5 g/kg	No data

### **Chronic Toxicity:**

<u>Component</u>	<u>OSHA Carcinogen</u>	<u>IARC Carcinogen</u>	<u>NTP Carcinogen</u>	<u>Irritant</u>	<u>Sensitizer</u>
Water	No	No	No	No	No
Pumice (an abrasive)	No	No	No	Eye, Skin	Unknown
Surfactant	No	No	No	No	Unknown
Propylene glycol	No	No	No	No	Unknown

Reproductive Toxicity: No information available

Teratogenicity: No information available

Mutagenicity: No information available

Synergistic Effects: No information available

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## Section 12: Ecological Information

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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: Biodegradable

Bioaccumulation / Accumulation: No information available

Mobility in Environment: No information available

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## **Section 13: Disposal Considerations**

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**Waste Classification:** This product is not a hazardous waste.  
Empty containers may be recycled.

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

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## **Section 14: Transport Information**

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DOT (ground): Not Regulated

ICAO/IATA (air): Not Regulated

IMO/IMDG (water): Not Regulated

Special Provisions: None

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## **Section 15: Regulatory Information**

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### **U.S. Federal Regulations:**

#### 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

### **Canadian Regulations:**

#### Controlled Products Regulations:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

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WHMIS Hazard Class: D2B

Canadian DSL Inventory: All ingredients are either listed on the DSL Inventory or are exempt.

**European Union Regulations:**

**RoHS Compliance:** This product is compliant with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003. This product does not contain any of the restricted substances as listed in Article 4(1) of the RoHS Directive.

**Additional Regulatory Information:** None

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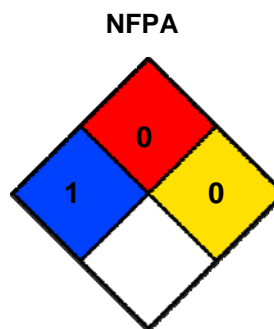
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**Section 16: Other Information**

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HMIS® (II)	
Health:	1
Flammability:	0
Reactivity:	0
PPE:	A



Ratings range from 0 (no hazard) to 4 (severe hazard)

Prepared By: Michelle Rudnick  
CRC #: SL1719  
Revision Date: 03/23/2017

Changes since last revision: Revision date

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. For further clarification of any information contained on this MSDS consult your supervisor, a health & safety professional, or CRC Industries.

ACGIH: American Conference of Governmental Industrial Hygienists  
CAS: Chemical Abstract Service  
CFR: Code of Federal Regulations  
DOT: Department of Transportation  
DSL: Domestic Substance List  
g/L: grams per Liter  
HMIS: Hazardous Materials Identification System  
IARC: International Agency for Research on Cancer  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
IMDG: International Maritime Dangerous Goods  
IMO: International Maritime Organization  
lbs./gal: pounds per gallon  
LC: Lethal Concentration  
LD: Lethal Dose

NA: Not Applicable  
ND: Not Determined  
NIOSH: National Institute of Occupational Safety & Health  
NFPA: National Fire Protection Association  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
PMCC: Pinsky-Martens Closed Cup  
PPE: Personal Protection Equipment  
ppm: Parts per Million  
RoHS: Restriction of Hazardous Substances  
STEL: Short Term Exposure Limit  
TCC: Tag Closed Cup  
TWA: Time Weighted Average  
WHMIS: Workplace Hazardous Materials Information System