



VI·JON[®]

Material Safety Data Sheet

for Health and Beauty Products

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Pomegranate Liquid Hand Soap
Item Number: 3G1AA
Recommended Use: Personal Care
Supplier Address: Vi-Jon, Inc.
8515 Page Avenue
Saint Louis, MO 63114

General Information Contact: Phone: 314-427-1000 (M-F 8am-4pm CST)
Email: info@vijon.com

In Case of Spill Emergency Contact: Chemtrec: 1-800-424-9300 (24-Hour)

2. HAZARDS IDENTIFICATION FOR INDUSTRIAL SETTING

CAUTION!

Emergency Overview

May cause eye irritation

Appearance: Dark pink, magenta, clear
viscous liquid with white beads.

Physical State: Viscous liquid with beads

Odor: Sweet, Fruity

Potential Health Effects

Primary Routes of Exposure

Skin contact.

Acute Toxicity

Eyes

May cause irritation.

Skin

Prolonged contact may cause irritation.

Inhalation

Not an expected route of exposure.

Ingestion

Not an expected route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects

No known effect based on information supplied.

Aggravated Medical Conditions

None known.

Environmental Hazard

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	50-100
Sodium Laureth Sulfate	1335-72-4	0-10
Sodium Lauryl Sulfate	151-21-3	0-10
Acrylates Copolymer	25035-69-2	0-10
Cocamidopropyl Betaine	83138-08-3	0-10
Methyl Gluceth-10	53026-67-8	0-10
PPG-10 Methyl Glucose Ether	61849-72-7	0-10
Fragrance	Fragrance	0-10
Sodium Hydroxide	1310-73-2	0-10
Cocamide MEA	68140-00-1	0-10
Zea Mays (Corn) Oil	8001-30-7	0-10
Butyrospermum Parkii (Shea Butter)	91080-23-8	0-10
Tetrasodium EDTA	64-02-8	0-10
Gelatin	9000-70-8	0-10
Glycerin	56-81-5	0-10
Propylene Glycol	57-55-6	0-10
PEG-40 Hydrogenated Castor Oil	61788-85-0	0-10
Mica	12001-26-2	0-10
Sodium Chloride	7647-14-5	0-10
Methylchloroisothiazolinone	26172-55-4	0-10
Methylisothiazolinone	2682-20-4	0-10
Punica Granatum Extract	84961-57-9	0-10
Mangifera Indica Extract	90063-86-8	0-10
Benzophenone-4	4065-45-6	0-10
Titanium Dioxide	13463-67-7	0-10
Red 4	4548-53-2	0-10
Red 33	3567-66-6	0-10
Blue 1	3844-45-9	0-10

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin Contact	In the case of skin irritation or allergic reactions see a physician.
Inhalation	If symptoms persist, call a physician.
Ingestion	Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable.
Flash Point	94C / 201F
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	No.
Sensitivity to Static Discharge	No.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health Hazard 1	Flammability 0	Stability 0	Physical and Chemical Hazards - NONE
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6. ACCIDENTAL RELEASE MEASURES FOR INDUSTRIAL SETTING

Personal Precautions	Avoid contact with eyes.
Environmental Precautions	Refer to protective measures listed in Sections 7 and 8.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Damp up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE FOR INDUSTRIAL SETTING

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
Storage	Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION FOR INDUSTRIAL SETTING

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³
Glycerin 56-81-5	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	
Mica 12001-26-2	TWA: 3 mg/m ³	TWA: 20 mppcf (<1% crystalline silica) 3 mg/m ³ (vacated)	IDLH: 1500 mg/m ³ containing <1% quartz TWA: 3 mg/m ³ respirable dust
Titanium Dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures Showers
 Eyewash stations
 Ventilation systems

Personal Protective Equipment

Eye/Face Protection No special protective equipment required.
Skin and Body Protection No special protective equipment required.
Respiratory Protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark pink, magenta, clear viscous liquid with white beads.	Odor	Sweet, Fruity
Odor Threshold pH	No information available. 6.5	Physical State	Viscous liquid
Flash Point	201F / 94C	Autoignition Temperature	No information available
Decomposition Temperature	No information available	Boiling Point/Range	No information available
Melting Point/Range	No information available	Explosion Limits	No information available
Flammability Limits in Air	No information available	Solubility	No information available
Water Solubility	Miscible with water	Vapor Pressure	No data available
Evaporation Rate	No information available	VOC Content (%)	Not applicable
Vapor Density	No data available		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Products	None known.
Conditions to Avoid	None known.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

When used in accordance with the directions.

11. TOXICOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

Acute Toxicity

Product Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	> 90 mL/kg (Rat)	-	-
Sodium Laureth Sulfate	= 1288 mg/kg (Rat)	= 580 mg/kg (Rabbit)	> 3900 mg/m ³ (Rat) 1 h
Sodium Lauryl Sulfate	= 1288 mg/kg (Rat)	= 580 mg/kg (Rabbit)	> 3900 mg/m ³ (Rat) 1 h
Sodium Chloride	3 g/kg (Rat)	> 10 g/kg (Rabbit)	> 42 g/m ³ (Rat) 1 h
Cocamide MEA	= 3300 mg/kg (Rat)	-	-
Sodium Hydroxide	-	= 1350 mg/kg (Rabbit)	-
Zea Mays (Corn) Oil	> 100 mL/kg (Rat)	-	-
Tetrasodium EDTA	= 10 g/kg (Rat)	-	-
Titanium Dioxide	10000 mg/kg (Rat)	-	-
Benzophenone-4	= 3530 mg/kg (Rat)	-	-
Methylchloroisothiazolinone	= 481 mg/kg (Rat)	> 1008 mg/kg (Rat)	= 1.23 mg/L (Rat) 4 h
Red 4	> 2 g/kg (Rat)	-	-
Glycerin	= 12600 mg/kg (Rat)	> 21900 mg/kg (Rat)	570 mg/m ³ (Rat) 1 h
Propylene glycol	= 18610 mg/kg (Rat)	> 20 g/kg (Rabbit)	-
Magnesium chloride	= 2800 mg/kg (Rat)	-	-
Disodium EDTA	= 2 g/kg (Rat)	-	-
Methylisothiazolinone	= 53 mg/kg (Rat)	-	-
Potassium hydroxide	= 214 mg/kg (Rat)	-	-
Acetic acid	3310 mg/kg (Rat)	= 1060 mg/kg (Rabbit)	= 11.4 mg/L (Rat) 4 h
Phenoxyethanol	= 1260 mg/kg (Rat)	= 5 mL/kg (Rabbit) = 14422 mg/kg (Rat)	-
Methylparaben	= 2100 mg/kg (Rat)	-	-

Chronic Toxicity

Chronic Toxicity No known effect based on information supplied.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Red 4		Group 3		
Blue 1		Group 3		

IARC: (International Agency for Research on Cancer)
 Group 3 - Not Classifiable as to Carcinogenicity in Humans

Target Organ Effects None known.

12. ECOLOGICAL INFORMATION FOR INDUSTRIAL SETTING

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

Ecotoxicity

The environmental impact of this product has not been fully investigated. Releases to the environment should be avoided.

Product Number: 3G1AA
Issuing Date: March 12, 2012

Revision Date: None

Product Name: Pomegranate Liquid Hand Soap
Revision Number: 0

13. DISPOSAL CONSIDERATIONS FOR INDUSTRIAL SETTING

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).

Contaminated Packaging No information available in connection with this product.

California Hazardous Waste Codes 561

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Sodium Hydroxide			Toxic Corrosive	

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION FOR INDUSTRIAL SETTING

International Inventories

TSCA Exempt
 DSL Does not Comply

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

SARA 311/312 Hazard Categories

Acute Health Hazard No
 Chronic Health Hazard No
 Fire Hazard No
 Sudden Release of Pressure Hazard No
 Reactive Hazard No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium Hydroxide	1000 lb			X

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Glycerin	56-81-5	0-10		Group II		
Propylene Glycol	57-55-6	0-10		Group II		

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Sodium Hydroxide	1000 lb	

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations for Industrial Setting

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Sodium Hydroxide	X	X	X		X

International Regulations

Mexico - Grade Slight risk, Grade 1

Chemical Name	Carcinogen Status	Exposure Limits
Sodium Hydroxide		Mexico: Ceiling= 2 mg/m ³

Canada

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

WHMIS Hazard Class

Non-controlled

Product Number: 3G1AA
Issuing Date: March 12, 2012

Revision Date: None

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Revision Number: 0

16. OTHER INFORMATION

Issuing Date March 12, 2012

Revision Date None

Revision Note None

MSDS Prepared by WERCS Professional Services, LLC

General Disclaimer

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Approved and Updated by Vi-Jon, Inc.

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End of Safety Data Sheet