

Product Number: 466AB
Issuing Date: March 26, 2018

Product Name: Antibacterial Foaming Hand Soap
Revision Date: None

Revision Number: 0



VI·JON[®]

Safety Data Sheet



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1. IDENTIFICATION

Product identifier

Product Name 466AB Antibacterial Foaming Hand Soap

Other means of identification

Product Code(s) N/A

Recommended use of the chemical and restrictions on use

Recommended Use Soap (Bar, Liquid) for Body

Restrictions on use Use only as directed.

Details of the supplier of the safety data sheet

Supplier Name Vi-Jon Inc.

Supplier Address Vi-Jon Inc.
8800 Page Avenue
Saint Louis
MO
63114
US

Supplier Phone Number Phone: 314-427-1000 (M-F 8am-4pm CST)
Fax:3144271010

Supplier Email info@vijon.com

Emergency telephone number Chemtrec: 1-800-424-9300 (24-Hour)



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2. HAZARDS IDENTIFICATION

Classification

Serious eye damage/eye irritation	Category 2A
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Appearance: Clear to Slightly Hazy, Pale Orangish-Pink, Water-Thin Liquid
Physical state: Water-Thin Liquid
Odor: Floral

GHS Label elements, including precautionary statements

Warning

Hazard statements

Causes serious eye irritation



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear eye protection/ face protection

Precautionary Statements - Response

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Other information

May be harmful if swallowed. Causes mild skin irritation. Harmful to aquatic life.

Unknown acute toxicity 2.7192 % of the mixture consists of ingredient(s) of unknown toxicity

1.3842 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

2.7192 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

2.7192 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

2.7192 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

2.7192 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Benzalkonium Chloride 0.13% w/w	68391-01-5	0.13	-	-
Water	7732-18-5	50 - 100	-	-
Cocamidopropyl Betaine	61789-40-0	0 - 10	-	-
Lauramidopropylamine Oxide	61792-31-2	0 - 10	-	-
Lauramine Oxide	1643-20-5	0 - 10	-	-
Myristamidopropylamine Oxide	67806-10-4	0 - 10	-	-
Glycerin	56-81-5	0 - 10	-	-
Fragrance	FRAGRANCE	0 - 10	-	-
Citric Acid	77-92-9	0 - 10	-	-
Tetrasodium EDTA	64-02-8	0 - 10	-	-
Benzophenone-4	4065-45-6	0 - 10	-	-
Sodium Benzoate	532-32-1	0 - 10	-	-
Red 4	4548-53-2	0 - 10	-	-
Yellow 5	1934-21-0	0 - 10	-	-

4. FIRST AID MEASURES

First aid measures

General advice

Show this safety data sheet to the doctor in attendance.

Inhalation

Remove to fresh air.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

Skin contact

Wash skin with soap and water.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider

Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms

Burning sensation.

Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Other Information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
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		
Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Glycerin 56-81-5	TWA: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 3 mg/m ³		TWA: 10 mg/m ³

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

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection If splashes are likely to occur, wear safety glasses with side-shields.

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

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.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Water-Thin Liquid
Appearance	Clear to Slightly Hazy, Pale Orangish-Pink, Water-Thin Liquid
Odor	Floral
Color	Pale Orangish-Pink
Odor Threshold	No data available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	5.7		
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air		None known	
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Relative density	1.001		
Water Solubility	Miscible in water		
Solubility(ies)	No data available	None known	
Partition coefficient: n-octanol/water	0		
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	

Other Information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known.

Incompatible materials

None known.

Hazardous Decomposition Products

None known.

When used in accordance with the directions.

11. TOXICOLOGICAL INFORMATION

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

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Information on toxicological effects

Symptoms May cause redness and tearing of the eyes.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 37,453.00 mg/kg

Unknown acute toxicity 2.7192 % of the mixture consists of ingredient(s) of unknown toxicity

- 1.3842 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
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- 2.7192 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 2.7192 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 2.7192 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Benzalkonium Chloride	= 850 mg/kg (Rat)	= 2300 mg/kg (Rabbit)	-
Water	> 90 mL/kg (Rat)	-	-
Cocamidopropyl Betaine	> 10000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Glycerin	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m ³ (Rat) 1 h
Citric Acid	= 3 g/kg (Rat) = 3000 mg/kg (Rat)	-	-
Tetrasodium EDTA	= 10 g/kg (Rat) = 1658 mg/kg (Rat)	-	-
Benzophenone-4	= 3530 mg/kg (Rat)	-	-
Sodium Benzoate	= 4070 mg/kg (Rat)	-	-
Red 4	> 2 g/kg (Rat)	-	-
Yellow 5	> 2000 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	May cause skin irritation.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Irritating to eyes.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.

Carcinogenicity

Chemical name	ACGIH	IARC	NTP	OSHA
Red 4 4548-53-2	-	Group 3 - Not Classifiable as to Carcinogenicity in Humans	-	-

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.



12. ECOLOGICAL INFORMATION

There is no ecological data on the Product. 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	Harmful to aquatic life.
Persistence and Degradability	No information available.
Bioaccumulation	No information available.
Mobility	No information available.
Other adverse effects	No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.
California Waste Codes	311

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

14. TRANSPORT INFORMATION

<u>DOT</u>	NOT REGULATED
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
<u>IMDG/IMO</u>	Not regulated
Hazard Class	N/A
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US 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 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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product does not contain any substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

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	RQ
Citric Acid 77-92-9			RQ Section number 180.950

US State Regulations

California Proposition 65 - NONE

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Glycerin 56-81-5	X	X	X	X	

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16. OTHER INFORMATION

<u>NFPA</u>	Health hazards	2	Flammability	0	Instability	0	Physical and Chemical Properties	- N/A
<u>HMIS</u>	Health hazards	2	Flammability	0	Physical hazards	0	Personal Protection	X

Prepared By Product Stewardship
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Latham, NY 12110
1-800-572-6501

Issuing Date March 26, 2018

Revision Date None

Revision Note None

General Disclaimer

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Approved and Updated by Vi-Jon, Inc.

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End of Safety Data Sheet

