



ANTISEPTIC FOAM HAND SANITIZER

SAFETY DATA SHEET | OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Date Prepared: 07/07/2020

SDS No: ABS-015

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ARTEMIS ANTISEPTIC FOAM HAND SANITIZER

GENERAL USE: Hand Sanitizer

PRODUCT DESCRIPTION: Hand Sanitizer

PRODUCT CODE: ABS-015

MANUFACTURER

Artemis Bio-Solutions, Inc
14505 Torrey Chase Blvd Suite 205
Houston, TX 77014, USA

Emergency Contact: INFOTRAC

Emergency Phone: 1(800) 535-5053

Alternate Emergency Phone: 1(352) 323-3500

Customer Service : 1 (630) 359-4090

E-Mail: info@artemisbiosolutions.com

24 HR. EMERGENCY TELEPHONE NUMBERS

AAPCC Poison Help: (800) 424-9300

CANUTEC (Canadian Transportation): (613) 996-6666

INFOTRAC (US Transportation) : (800) 535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

GHS LABEL

Not Applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

The product contains no substances which, at their given concentration, are considered to be hazardous to health. However, additional component information is available in subsequent sections of this SDS.

Chemical Nature Mixture of cationic detergents and carbonates.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists, seek medical attention immediately.
Skin Contact	If irritation develops wash with soap and water; consult a physician.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Ingestion	Do not induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Immediately call a poison center or doctor/physician.
Most important symptoms and effects	
Symptoms	Contact with eyes may cause irritation and redness. Prolonged contact may dry out eyeball. Indication of any immediate medical attention and special treatment needed
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water, Carbon Dioxide, or Foam
Unsuitable Extinguishing Media	Not determined
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
Specific Hazards Arising from the Chemical	Product is not combustible or an explosive
Hazardous Decomposition Products	None Known

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protective equipment as required.
Environmental Precautions	Dike with sand or earth to contain spill. See Section 12 for additional Ecological Information.
Methods and material for containment and cleaning up	
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Small spills should be taken up with absorbent material and held for disposal, or, if local regulations permit, flushed into drains with lots of water. Larger spills should be contained by diking or other methods and put into containers for disposal or reuse. Clean up in accordance with all applicable regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid eye contact.
Conditions for safe storage, including any incompatibilities	
Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store at ambient conditions.
Incompatible Materials	Anionic detergents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	No exposure limits noted for ingredient(s). The following information is given as general guidance
Appropriate engineering controls	
Engineering Controls	Showers Eyewash stations Ventilation systems.
Individual protection measures, such as personal protective equipment	
Eye/Face Protection	Normally not required, recommended if splashing is possible or handling large quantities.
Skin and Body Protection	Not necessary; product is a hand soap.
Respiratory Protection	Not required, but ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Clear liquid
Color	Clear
Odor	Costal Breeze
Odor Threshold	Not Determined
<u>Property</u>	<u>Values</u>
pH	5.0-7.2
Melting Point/Freezing Point	-1 °C / 28 °F
Boiling Point/Boiling Range	100 °C / 212 °F
Flash Point	Does Not Flash
Evaporation Rate	1
Flammability (Solid, Gas)	Not Flammable
Upper Flammability Limits	N/A
Lower Flammability Limit	N/A
Vapor Pressure	17.5mmHg@20°C
Vapor Density	N/A
Specific Gravity	1.00 (8.33 lb./gal)
Water Solubility	Completely soluble
Solubility in other solvents	N/A
Partition Coefficient	N/A
Auto-ignition Temperature	N/A
Decomposition Temperature	N/A
Kinematic Viscosity	N/A
Dynamic Viscosity	N/A
Explosive Properties	Not an explosive
Oxidizing Properties	N/A

10. STABILITY AND REACTIVITY

Reactivity	Normally reactive if handled properly
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	Keep out of reach of children.
Incompatible Materials	Anionic detergents.
Hazardous Decomposition Products	None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Avoid contact with eyes.

Skin Contact

Not expected to be a skin irritant during prescribed use.

Inhalation

Avoid inhalation of vapors.

Ingestion

Do not ingest.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium Carbonate 584-08-7	= 1870 mg/kg (Rat)	-	-
N-Alkyl-N-benzyl-N,N-dimethyl ammonium chloride 8001-54-5	= 240 mg/kg (Rat)	= 1420 mg/kg (Rat)	-

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

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

Carcinogenicity

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
N-Alkyl-N-benzyl-N,N-dimethyl ammonium chloride 8001-54-5		0.223 - 0.46: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 0.823 - 1.61: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 2.4: 96 h <i>Oryzias latipes</i> mg/L LC50 semi-static 1.3: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static		

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - 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

IECSC - China Inventory of Existing 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

Not determined

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Not determined

16. OTHER INFORMATION



NFPA

Issue Date: 05-Aug-2011

Revision Date: 07-July-2020

Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet