



SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

PART NUMBER: HAND0201

PRODUCT DESCRIPTION: Alcohol-Free Foam Hand Sanitizer

DISTRIBUTED BY:

AMERICAN AIR & WATER, INC.
12 GIBSON DR
HILTON HEAD ISLAND, SC 29926

TELEPHONE NUMBER:
843-785-8699

EMERGENCY TELEPHONE NUMBER:
Chemtrec: U.S.: 800-424-9300
International: +1-703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Active Ingredients	Concentration (% by weight)	CAS Number
Benzalkonium chloride	0.1	8001-54-5

3. HAZARDS IDENTIFICATION

Eye contact: Can cause eye irritation (stinging sensation) and tear production. Redness of conjunctiva may occur.

Ingestion: Ingestion may cause gastrointestinal irritation, including nausea and diarrhea.

Skin contact: Causes no skin irritation if used as directed. Excessive, continuous exposure for a long period of time may cause irritation of skin. Rate of absorption of active ingredients through skin or the effects thereof are unknown.

Inhalation: Direct contact or exposure to high concentration of mists and/or vapors may cause irritation.

ACUTE/CHRONIC: No special acute or chronic effects or risks are expected from usage as directed on label.

No known medical conditions are aggravated with exposure and not reported as carcinogen.

Brief, repeated daily use as a skin sanitizer is not harmful and may be beneficial in aiding the healing of skin damaged by excessive, daily handwashing with soaps and detergents as well as skin affected by bacterial, viral or fungal infections.

4. FIRST AID MEASURES

General Information: No special measures required.

Skin Contact: Generally, the product does not irritate the skin.

Eye Contact: Immediately flush affected area with plenty of cool water for at least 15 minutes. GET MEDICAL ATTENTION IMMEDIATELY.

Inhalation: Immediately remove victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably mouth-to mouth. GET MEDICAL ATTENTION IMMEDIATELY.

Ingestion: If victim is conscious and able to swallow, have victim drink water or milk to dilute. Never give victim anything by mouth if victim is unconscious or having convulsions. CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. Induce vomiting only if advised by physician or poison control center.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known when used as directed.

5. FIRE FIGHTING MEASURES

General Information: This product is not combustible. Use appropriate media for the material that is burning. Water should be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak. Water may be used to dilute spills. Wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.

Flash point: N/A

Auto-ignition temperature: N/A

Flammable Limits: N/A

Extinguishing Media: N/A

Special Protective Equipment: N/A.

Unusual Fire and Explosion Hazards: N/A.

Hazardous Combustion Products: N/A

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

Spill or Leak Procedures: In case of large spills, wear appropriate respiratory protection. Eliminate possible ignition sources. Contain spilled material. Transfer to secure containers. Where necessary, collect spilled product using absorbent media. Dilute spill with water and directly flow to any available sanitary drain.

In the event of an uncontrolled release of this product, the user should determine if the release is reportable under applicable laws and regulations.

7. HANDLING AND STORAGE

Handling: No special measures required.

Storage: Store product in tightly closed container, away from areas of high heat, flames or potential sparks. Empty containers may be discarded in trash after rinsing with water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Adequate ventilation should be available for all uses of this product.

Personal Protective Equipment: No protective gloves or clothing are deemed necessary for normal application of product as a skin sanitizer.

With good industrial hygiene in mind, it is recommended that employers perform a Hazard Assessment of all workplaces to determine the need for, and selection of, proper protective equipment for each task performed, per OSHA Standard for Personal Protective Equipment (29 CFR 1910.132).

Respiratory Protection: Where exposure is likely to exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. For normal use of product as a skin sanitizer, no respirators are deemed necessary.

Eye Protection: Contact of product with the eyes is not expected or anticipated in the normal use; however, if there is a possibility of splashing or other means of contact with eyes, chemical safety goggles meeting the specifications of ANSI Standard Z87. 1 should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Density: N/A

Vapor Pressure: N/A

Specific Gravity: 1.0@20°C

Melting Point: N/A

Boiling Point: 100°C / 212°F

Viscosity: non-viscous

Physical State: Liquid Solution

Color: Pale yellow to amber

Odor: Mild

Miscibility: 100% in water

Stability: >5 years

Corrosion: non-corrosive

Product does not stain skin, fabrics, plastics, metals, glass, or formica.

How To Detect This Substance: Mild odor

10. STABILITY AND REACTIVITY

Chemical stability: Stable under ordinary conditions of use and storage (70° F, 1 atm). Stable at room temperature for at least 5 years in a tightly closed container.

Hazardous reactions: Polymerization not likely.

Conditions to avoid: Avoid contact with heat.

Materials to avoid: Unknown.

Hazardous Decomposition Products: Oxides of Carbon and Nitrogen on combustion.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: Components are not listed as a carcinogen by NTP, IARC, OSHA.

Sensitization: No sensitizing effects known.

12. ECOLOGICAL INFORMATION

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

Small quantities: Can be disposed of with household waste.

Large quantities: All recovered product may be dispensed along with water through normal sanitary sewage systems in gradual releases.

Note: Dispose of all wastes in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Shipping Description: Non hazardous product, not regulated.

15. REGULATORY INFORMATION

Carcinogenicity: Components are not listed as a carcinogen by NTP, IARC, OSHA.

16. OTHER INFORMATION

NFPA Ratings: Health - 1; Flammability - 1; Reactivity - 0.

Date: 3 February 2011

To the best of our knowledge, the facts given are correct. However, the information is given without warranty as to its accuracy.