

MATERIAL SAFETY DATA SHEET

Date of Last Revision: 1/12

GlobalTech®
SafetySmart® Hand Sanitizer
Instant Foam & Saturated Wipes

Product Code: FH & SS

FOR CHEMICAL EMERGENCY call INFOTRAC at 1-800-535-5053

24 Hrs. per day, 7 days per week

Section 1 ... Composition/Information on Ingredients

Ingredients	CAS#	EINECS#	Weight %
Benzalkonium Chloride	8001-54-5	263-080-8	0.10
Purified Water	7732-18-5	231-791-2	
Dihydroxypropyl PEG-5 Linoleammonium Chloride	168677-75-6	NLP	
Glycereth-2 Cocoate	68201-46-7	NLP	
Behentrimonium Chloride	17301-53-0	241-327-0	
Dihydroxyethyl Cocamine Oxide	61791-47-7	263-180-1	

Section 2 ... First Aid Measures

Eye Contact:	Rinse eyes with water. Remove contact lenses and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation develops or persists.
Skin Contact:	Stop use and ask a doctor if irritation or redness develops, or if condition persists for more than 72 hours.
Inhalation:	Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
Ingestion:	Give 3-4 glasses of water, but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. DO NOT give anything by mouth to an unconscious or convulsing person.

Section 3 ... Health Hazards, Routes of Entry and Effects of Overexposure

Conditions Aggravated by Exposure:	None known
Carcinogenicity:	NA
Eye Contact:	Direct contact may cause irritation.
Skin Contact:	Short periods of contact through regular use are not usually associated with skin irritation.
Inhalation:	Direct contact or exposure to high concentration of mists or vapors may cause irritation.
Ingestion:	Direct contact or exposure may cause irritation. Ingestion of large amounts may cause gastrointestinal discomfort including irritation, nausea and diarrhea.
Chronic Effects:	No adverse effects are expected.

Section 4 ... Special Protection Information

Engineering Controls:	In applications where the product will be exposed to elevated temperatures, use local ventilation to remove potential decomposition products.
Exposure Limits:	No limits established for this product.

Section 5 ... Reactivity Data

Reactivity:	Stable
Incompatibilities:	None known.
Hazardous Decomposition:	Oxides of Carbon and Nitrogen on combustion.
Conditions to Avoid:	Avoid contact with heat.

Section 6 ... Spill or Leak Procedures and Waste Disposal

Precautions in Case of Release: Spill area will be slippery. Wear appropriate protective equipment. Absorb spills with vermiculite, fuller's earth or sand. Shovel up and place in a non-metal waste container for disposal. Dike large spills with soil or sandbags to contain it and prevent spread. Prevent liquid from entering sewers or waterways.

RCRA Waste Code: Not regulated under RCRA, 40 CFR 261

Disposal: Keep away from natural water sources. Observe applicable federal, state and local regulations.

Section 7 ... Handling and Storage Precautions

Handling: Wear appropriate protective equipment.

Empty packaging: Remove all residue when emptying.

Storage: Keep container tightly closed. Keep away from heat and sunlight. Storage temperature range: 5-30°C. If material freezes, gently thaw prior to use. Mild agitation may be required.

Section 8 ... Hazard Data

Hazard Class (Hazard Rating Scale: 0=minimal, 1=slight, 2=moderate, 3=high, 4=extreme):

Health: 1 **Flammability: 0**

Reactivity: 0 **Personal Protection: B**

General Hazard: This product is not combustible.

Flash Point: >200°F (PMCC)

Extinguishing Media: Use media suitable for the material that is burning.

Special Fire Fighting Instructions: Move containers from area if it can be done without risk. Cool fire-exposed container with water from side.

Fire Fighting Equipment: As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.

Section 9 ... Physical Data

Boiling Point:	100°C	Melting Point °C:	NA
State:	Liquid solution	Freezing Point °C:	ND
Weight per Gallon:	8.3 lb/gal	Water Solubility:	Soluble
Specific Gravity @ 20°C:	1.00±0.02	Odor:	Mild
Appearance:	Water white to straw	pH:	4.0-7.0
Viscosity:	Low viscosity		

Section 10 ... Toxicological Information

Acute:

Oral LD₅₀ (OPPTS 870.1100): >5,000 mg/kg: Toxicity Category IV

Dermal LD₅₀ (OPPTS 870.1200): >2,000 mg/kg: Toxicity Category IV

Inhalation LC₅₀: No data

Eye Irritation (OPPTS 870.2400): Mild irritant; Toxicity Category III

Skin Irritation (OPPTS 870.2500): Mild irritant; Toxicity Category IV

Skin Sensitization (OPPTS 870.2600): Not a sensitizer

Genotoxicity/Mutagenicity: For Benzalkonium chloride:
 Ames test (Salmonella sp): Not mutagenic with or without metabolic activation.

Section 11 ... Ecological Information

EC₅₀ (Bacterium toxicity): No data

LC₅₀ (Daphnia): No data

BOD: No data

COD: No data

Heavy metals: No data

