



Safety Data Sheet



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Revision Number: 3

This SDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also, make this information available to any employee who requests it.

If considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals. For chemical emergencies, spills, leaks, fire or exposure call CHEMTREC (800) 424-9300, in Canada CANUTEC 613-996-6666.

All non-emergency questions should be directed to customer service for assistance

Alcohol-Free Foaming Hand Sanitizer

1. Product Identification

Product Identifier: Foamy A1 Hand Sanitizer

Chemical Name: Aqueous mixture

Formula Code: SKM-09870-09871

Item Numbers: 09870 (1 Gallon), 09871 (5 Gallon)

Relevant identified uses of the substance or mixture and uses advised against:

Foaming hand sanitizer formulated for use in institutions where alcohol-free applications are desired.

Details of the supplier of the safety data sheet:

This Safety Data Sheet has been updated in accordance with the Global Harmonized System (GHS)

Manufacturer/Supplier:

SKM Industries

1012 Underwood Road, PO Box 278

Olyphant, PA 18447

800-851-8464

Information Department:

Emergency telephone number:

See preface at top of page for CHEMTREC

2. Hazards Identification

Classification of the substance or mixture Classification according to 29 CFR (HAZCOM 1910.1200)

Not Classified as hazardous by 29 CFR (HAZCOM 1910.1200)

Label elements:

Hazard Pictograms: None

Signal word: None

Hazard Determining components of labeling: See section #3

Hazard Statements

H303 May be harmful if swallowed

H320 May cause eye irritation

Precautionary Statements

P301/P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P305/P351/P338 IF IN EYES: Rinse continually with water for several minutes. Remove contact lenses if easy to do so. Continue rinsing.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings

Health: 1

Fire: 0

Reactivity: 0

HMIS ratings

Health: 1

Fire: 0

Reactivity: 0

Other Hazards:

Results of PBT and vPvB assessment

PBT: Data not available

vPvB: Data not available

Classification of the Chemical:

Non viscous, clear liquid

Other Hazards Not Otherwise Classified:

No data available

3. Composition/Information on Ingredients

CAS No.	Description	% Range
CAS: 6440-58-0 EINECS: 229-222-8	DM DM Hydantonin	0.1 – 1.0%
CAS: 61789-40-0 EINECS: 263-058-8	Cocamidopropylbetaine	0.1 – 5.0%
CAS: 68391-01-5 EINECS: 273-318-2	Benzalkonium Chloride	0.1 – 5.0%

4. First Aid Measures

General Advice: In the case of accident or if you feel ill, seek medical attention.

Inhalation: Avoid breathing vapors or mists. Move to fresh air. Seek medical attention.

Skin contact: Wash immediately with soap and water. If skin irritation persists, seek medical attention.

Eye contact: Rinse thoroughly with water for at least 15 minutes and seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

Most Important Effects/Symptoms: See section 2.

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically

5. Fire Fighting Measures

Non-Flammable

6. Accidental Release Measures

Personal precautions: Ensure adequate ventilation. Avoid contact with skin and eyes

Environmental precautions: Local authorities should be advised if significant spillages cannot be contained. Do not contaminate surface water. Prevent further leakage or spillage.

Methods for cleaning up: Package all material in plastic, cardboard or metal containers for disposal in compliance with all federal, state and local regulations.

7. Handling and Storage

Handling precautions: Obtain special instructions before use. Be sure to use personal protective equipment. Use in well-ventilated location. Wash hands thoroughly after use.

Storage: Store at room temperature in the original container. Do not freeze. Avoid any and all ignition sources.

Incompatible products: None reasonably foreseeable.

8. Exposure Controls/Personal Protection

Exposure Controls

Ventilation and engineering measures: Not required with expected use.

Respiratory Protection: Not required with expected use.

Skin Protection: Not required with expected use.

Eye Protection: Not required with expected use.

9. Physical and Chemical Properties

General Information

pH @70° F: 7 – 8

Water Solubility: infinite

Vapor density: >1 (air = 1)

Evaporation rate: <1 (butyl acetate = 1)
Viscosity: 0-50 cP (77 F; sp. 2 @ 100 RPM)
Specific gravity: 1.00
Flash point: N/A
Color: Clear

10. Stability and Reactivity

Stability: Stable under recommended storage conditions.
Polymerization: None under normal processing.
Conditions to avoid: Extremes of temperature and direct sunlight.
Materials to avoid: Strong acids and oxidizing agents.
Hazardous decomposition products: None reasonably foreseeable

11. Toxicological Information

Information on likely routes of exposure:

Routes of entry – inhalation: YES
Routes of entry – skin/eye: YES
Routes of entry – ingestion: NO

Carcinogenicity:

Product not believed to be carcinogenic

Mutagenicity:

Not expected to be mutagenic.

Reproductivity:

Not believed to have reproductive effects on humans.

Sensitization to material:

Product may cause respiratory sensitization if mists are inhaled

Specific target organ effects:

Product not known to affect any target organs.

Medical conditions aggravated by overexposure:

Existing skin and eye conditions.

Toxicological data:

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzalkonium Chloride 8001-54-5	= 240 mg/kg (Rat)	= 1420 mg/kg (Rat)	Not Available

12. Ecological Information

Ecotoxicity

Ingredients and overall product are not considered acutely toxic (by GHS) for the environment or are present in such low concentrations that they do not affect environmental toxicity.

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Benzalkonium Chloride 8001-54-5	Not Available	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	Not Available	Not Available

Persistence and Degradability:

Product is believed to fully degrade, though testing has not confirmed this.

Bioaccumulation Potential:

Product itself has not been tested; believed to lack bioaccumulation potential.

Mobility in Soil:

The product itself has not been tested; believed to not permeate easily throughout topsoil.

Other Adverse Environmental Effects:

None reasonably foreseeable.

13. Disposal Considerations

Handling for disposal:

Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures found in sections 7 and 8.

Methods of disposal:

Dispose in accordance with all applicable federal, state, provincial, and local regulations. Contact your local state, provincial, or federal environmental agency for specific rules.

RCRA:

If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and

disposal method. For disposal of unused or waste material, check with local, state, and federal environmental agencies

14. Transport Information

General Transportation Statement

DOT non-bulk shipments non-regulated

IATA N/A

IMDG. N/A

Other information:

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements and mode-specific or quantity-specific shipping requirements

15. Regulatory Information

Components TSCA DSL/NDSL Canada - WHMIS Classification

CAS No.	Description	% Range
N/A	N/A	N/A

*Exact concentrations are withheld to protect the proprietary value of the formula/product.

California Proposition 65

This product is not subject to warning labeling under California Proposition 65.

16. Other Information

provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR

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Prepared by: Health & Safety

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