

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Enriched Foam- Alcohol Free Instant Hand Sanitizer

Manufactured By: Technical Concepts, LLC.
1301 Allanson Road
Mundelein, Illinois 60060
847- 837-4100

24-Hour Emergency Contact:
1-800-535-5053 (Infotrac)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients as defined by OSHA, 29 CFR 1910.1200:

<u>INGREDIENTS</u>	<u>CAS#</u>	<u>ACGIH-TLV</u>	<u>OSHA- PEL</u>	<u>LC₅₀</u>	<u>LD₅₀</u>	<u>%BY WT</u>
Benzalkonium Chloride	8001-54-5	N/A	N/A	N/A	295mg/kg, rat	0.1

3. HAZARDS IDENTIFICATION

Potential Health Effects:

Routes of Entry: Inhalation: Y Skin: Y Eye: Y Ingestion: Y
Health Hazards: May cause eye and skin irritation, as well as respiratory irritation, may cause stomach distress.

Signs/systems of
Over exposure: Prolonged skin contact may cause mild redness and swelling. Contact with eyes may cause irritation, experienced as discomfort or pain, excessive blinking and tear production, with marked excess redness and swelling. Corneal injury may occur. This product can be absorbed through the skin. Ingestion may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Medical conditions
aggravated by exposure: Skin contact may aggravate an existing skin condition.

4. FIRST AID MEASURES

EYE CONTACT: Immediately rinse eyes with plenty of water, remove contact lenses, occasionally lifting upper and lower lids, until no evidence of product remains. Obtain medical attention.

SKIN CONTACT: Rinse affected area with plenty of water until no evidence of the product remains. Obtain medical attention if irritation persists.

INHALATION: This form of application makes inhalation virtually impossible, but if it does occur: administer fresh air, should symptoms develop, contact a doctor.

INGESTION: Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilute by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD - The fire hazard for this product has not been determined. This product is not combustible

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FIRE FIGHTING MEDIA - Dry chemical, carbon dioxide, water spray, or regular foam. For larger fires, use water spray, fog, or regular foam.

FIRE FIGHTING - Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Extinguish only if flow can be stopped; use flooding amounts of water as a fog, solid streams may be ineffective. Avoid breathing vapors, keep upwind.

6. ACCIDENTAL RELEASE MEASURES

Step should be taken in case material is released or spilled: Remove all sources of flame, sparks and heat. Absorb spilled material with a non-flammable absorbent such as vermiculite.

7. HANDLING AND STORAGE

HANDLING AND STORAGE CONDITIONS: Keep container tightly closed. Keep away from heat and sunlight. Storage temperature range 20-30°C. If material freezes, separates or becomes hazy, gently thaw at about 40°C prior to use. Mild agitation may be required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Gloves: Not normally required.

Eye protection: Not normally required.

Respiratory Tract: Not normally required

Ventilation: Local: Not required

Carcinogenic: Non – hazardous by WHIMS criteria

Other protective equipment: None required

Protective Work/Hygiene Practices: Follow labeling instructions

9. PHYSICAL AND CHEMICAL PROPERTIES

pH@ 25°C: 5.0-7.0

Specific Gravity@ 25°C: 0.98-1.02

Appearance: Thin opaque liquid with added fragrance

10. STABILITY AND REACTIVITY

Stability: stable

Incompatibility: None known

Hazardous Decomposition: May include but are not limited to oxides of carbon when heated to decomposition

Conditions to avoid: Avoid contact with heat.

11. TOXICOLOGY INFORMATION

Currently there is no data available for this product.

12. ECOLOGICAL INFORMATION

Currently there is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Improper disposal or reuse of the container may be dangerous or illegal, refer to State land waste management.

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14. TRANSPORTATION INFORMATION

This product is not regulated

15. REGULATORY INFORMATION

NFPA RATINGS (Scale 0-4, where 4=high degree of hazard): HEALTH=1 FLAMMABILITY=0 REACTIVITY=0
HMIS RATINGS (Scale 0-4, where 4=severe hazard): HEALTH=1 FLAMMABILITY=0 REACTIVITY=0

SARA TITLE Section 313 –This product does not contain any chemicals subject to the reporting requirements of SARA
TOXIC: Substances control Act (TSCA) – For FDA/COSMETIC use only
SARA Extremely hazardous substances (40CFR 372): Chronic

WHMIS (CANADA)

Class D-1B, Material, Class D-2B: Class E

16. OTHER INFORMATION

Product Sales Information: 1-800-551-5155

MSDS Information: 847-837-4100

MSDS in compliance with ANSI.Z400.1-1988-16 section MSDS format: New Product-2007

N/A= Not Applicable

N.E= Not Established

MSDS Prepared by: Regulatory

Disclaimer:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation s to determine the suitability of the information for their own use. In no event shall Technical Concepts be liable for any claims, losses, or damages of any third party or for loss of profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Technical Concepts has been advised of the possibility of such damages.