

# MATERIAL SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

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**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)**

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

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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>LC<sub>50</sub></u>	<u>LD<sub>50</sub></u>	<u>%BY WT</u>
Benzalkonium Chloride	8001-54-5	N/A	N/A	N/A	295mg/kg, rat	0.1

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## 3. HAZARDS IDENTIFICATION

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### 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.

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## 4. FIRST AID MEASURES

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**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.

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## 5. FIRE FIGHTING MEASURES

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**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.

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## 6. ACCIDENTAL RELEASE MEASURES

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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.

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## 7. HANDLING AND STORAGE

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**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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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pH@ 25°C: 5.0-7.0

Specific Gravity@ 25°C: 0.98-1.02

Appearance: Thin opaque liquid with added fragrance

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## 10. STABILITY AND REACTIVITY

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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.

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## 11. TOXICOLOGY INFORMATION

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Currently there is no data available for this product.

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## 12. ECOLOGICAL INFORMATION

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Currently there is no data available for this product.

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## 13. DISPOSAL CONSIDERATIONS

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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

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This product is not regulated

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## 15. REGULATORY INFORMATION

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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

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## 16. OTHER INFORMATION

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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

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