

# MATERIAL SAFETY DATA SHEET FRIGI-TECH ALKYL BENZENE BLEND

## I - PRODUCT IDENTIFICATION

**Company Name** : Frigi-Tech Intl. Inc.  
**Address** : 8359 Prairie Wind Houston, TX 77040  
**Product Name** : FRIGI-TECH A.B. BLEND  
**Tel No** : 713-896-6889  
**CHEMTREC** : (800) 424-9300  
**Product Number** : 9644

## II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL	CAS#	% By Wt	TLV	PEL
Alkylbenzene	68855-24-3	>98 <2	N/A N/A	N/A N/A
Additives	5845P, 5846P			

## III - PHYSICAL DATA

**Vapor Pressure** : (mm Hg @ 20 °C) No data  
**Evaporation Rate** : No data  
**Solubility in H<sub>2</sub>O** : <1%  
**Freezing Point °F** : >572°F  
**Boiling Point °F** :  
**Specific Gravity H<sub>2</sub>O=1 @ 25°C** : 0.86

**Vapor Density 60-90°F** : No data  
**VOC Content (% by wt.)** : No data  
**pH @ Solution** : No data  
**PH as Distributed** : No data  
**Appearance** : Pale yellow, Clear liquid  
**Odor** : Mild odor

## IV - FIRE AND EXPLOSION

**Flash Point F** : 302°F (open cup) **Flammable Limits** : No data **Extinguishing Media** : Water fog, foam, carbon dioxide, dry chemical, halogenated agents. **Special Fire Fighting Procedures** : Self-contained breathing apparatus with full face piece and protective clothing. **Unusual Fire and Explosion Hazards** : Low fire hazard. Unlikely to ignite except in high heat flux conditions. Thermal decomposition will evolve irritant vapors.

## V - REACTIVITY DATA

**Stability - Conditions to avoid** : Stable under normal conditions. **Incompatibility** : Oxidizing agents. **Hazardous Decomposition Products** : Highly unlikely under intended handling and use. Combustion products : Carbon dioxide, carbon monoxide. **Conditions Contributing to Hazardous Polymerizations** : Will not occur.

## VI - HEALTH HAZARD DATA

### EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects),

**A. ACUTE (Primary Route of Exposure) INHALATION** : No toxic effects are known to be associated with inhalation of vapors from this material. High concentrations of mist may be slightly irritating to the upper respiratory tract. Thermal decomposition will evolve irritant vapors. **EYES** : This material may irritate human eyes following contact. **SKIN** : Short contact periods with human skin are not usually associated with skin

irritation; repeated and/or prolonged contact can result in skin irritation. **INGESTION** : The acute oral LD<sub>50</sub> in rat is probably above 2,000 mg/kg. Relative to other materials, this material is classified as "slightly toxic" by ingestion. In humans, irritation of the mouth, pharynx, esophagus and stomach may develop following ingestion of the product.

**B. SUBCHRONIC, CHRONIC, OTHER** : The ingredients of this product are not classified as carcinogenic by ACGIH or IARC, not regulated as carcinogens by OSHA, and not listed as carcinogens by NTP.

**C. MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE** : N/A

## VII - EMERGENCY AND FIRST AID PROCEDURES

**INHALATION:** Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

**EYES :** Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

**SKIN :** Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

**INGESTION :** Do not induce vomiting. Give 1 or 2 glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

## VIII - SPILL OR LEAK PROCEDURE

**Spill Management :** Wear skin and eye protection during cleanup. Contain spill. Keep out of sewers and drains. Soak up material with absorbent and shovel into a chemical waste container.

**Waste Disposal Methods :** Discarded product is not a hazardous waste under RCRA, 40 CFR 261. Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residues from container and puncture or otherwise destroy empty container before disposal.

## IX - PROTECTION INFORMATION/CONTROL MEASURES

**Respiratory :** Not normally needed, if controls are adequate. If needed use MSHA-NIOSH approved respirator for organic vapors.

**Eye Protection :** Chemical tight goggles

**Glove :** Impervious gloves and apron.

**Other Clothing and Equipment :** Eyewash station and safety shower in work area.

**Ventilation :** Use ventilation adequate to maintain safe levels.

## X - SPECIAL PRECAUTIONS

**Precautions to be taken in Handling and Storing:** Prevent skin and eye contact. Avoid inhalation of high concentrations of mists or vapors.

**Additional Information :**

### NFPA HMIS RATING

Health Hazard..... : 1 Health Hazard.....: 1

Fire Hazard..... : 1 Fire Hazard.....: 1

Reactivity..... : 0 Reactivity.....: 0

Specific Hazard.... : Personal Protection...: X (Sec. 9)

### Revision Date : 04/09/2007

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