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## 2,2,2-TRIFLUOROETHYLAMINE (TFEA)

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## SECTION VI - HEALTH HAZARD DATA

Primary routes of entry:            Inhalation [X]                    Skin [X]                    Eyes [ ]                    Oral [ ]

Acute Effects of Overexposure:

RTECS Number KS0175000

A preliminary toxicity study of mice gave no deaths upon exposure of 1000 ppm trifluoroethylamine vapor for 30 minutes. A published report put the two hour LC50 for mice at 4170 mg/m<sup>3</sup> (1000 ppm, 85JCAE-,606,86). It is harmful if inhaled, swallowed or absorbed through skin. Material is extremely destructive to tissue of mucous membranes and upper respiratory tract, eyes and skin. Inhalation may be harmful as a result of spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting. The complete chemical, physical, and toxicological properties have not been thoroughly investigated.

Chronic Effects of overexposure: Unknown

Carcinogenicity listing:    NTP [No ]            IARC [No ]            OSHA [No ]            Other: [ No ]

First Aid

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing with difficulty, give oxygen. Seek medical help.

Skin: Wash immediately with water. Remove contaminated clothing and shoes.

Eye: Flush eyes with water for at least 15 minutes. Assure adequate flushing by separating the eyelids. Seek medical help.

Oral: Do not try to induce vomiting. Seek medical help.

Medical Conditions Generally Aggravated by Exposure: None known

Other Health Hazards: None known

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## SECTION VII - PROTECTION INFORMATION

Respiratory: Self-contained breathing apparatus for emergency use

Ventilation: Adequate general and local ventilation (explosion proof)

Eye and Face: Safety glasses or goggles and/or face shield

Gloves: Impervious gloves

Other equipment: Provide safety shower and eye wash facilities.

Contents of a container may be under pressure and may release dangerous aerosol, vapor or fumes when the container is opened. Wear appropriate eye protection and other safety gear when handling or opening this container. Do not stand directly above container while opening. Avoid breathing or contact with fumes.

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SECTION VIII - SPILL, LEAK AND DISPOSAL PROCEDURES

Spill, Leak, or Release: For large spills evacuate area, provide ventilation and remove ignition sources. Those involved in clean-up should wear self-contained breathing apparatus, heavy boots and heavy rubber gloves. Cover spill with dry lime, sand, or soda ash. Place in covered containers with non-sparking tools. Wash area after pickup is complete

Waste Disposal: This material may be incinerated by licensed waste disposal company. Observe all federal, state and local regulations

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SECTION IX - OTHER INFORMATION

DOT Information - Proper Shipping Name: Flammable liquid, Corrosive, N.O.S.(2,2,2-Trifluoroethylamine)  
Hazard Class: 3, 8 ID No.: UN 2924  
Packaging Group: II

IATA - Proper Shipping Name: Flammable liquid, Corrosive, N.O.S.(2,2,2-Trifluoroethylamine)  
Hazard Class: 3, 8 ID No.: UN 2924

IMDG - Proper Shipping Name: Flammable liquid, Corrosive, N.O.S.(2,2,2-Trifluoroethylamine)  
Hazard Class: 3, 8 ID No.: UN 2924  
Packaging Group: II

Other Information: HMIS Labeling Information: F 4; H 3; R 0; P B

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REVISED: September 11, 2007