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SECTION V - REACTIVITY DATA

Unstable [ ] Conditions to Avoid: N/A  
Stable [x]

Incompatibility (Materials to Avoid): Active metals like sodium and potassium; finely divided aluminum, zinc magnesium and beryllium can also react, especially at high temperatures.

Hazardous Combustion or Decomposition Products: Decomposes above 250C. Toxic fumes which include hydrogen chloride, hydrogen fluoride, phosgene and fluorophosgene.

Hazardous Polymerization [ ] May Occur [x] Will Not Occur  
Conditions To Avoid: N/A

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SECTION VI - HEALTH HAZARD DATA

RTECS #KJ3975000

This material is low in toxicity. It is an anesthetic in high concentrations and inhalation can produce asphyxiation. Levels above 2500 ppm in air impairs psychological and psychomotor functions. Higher levels may cause cardiac arrhythmias. Repeated or prolonged skin contact may cause dermatitis. Eye contact with liquid produces irritation and mild conjunctivitis.

Inhalation - Rat: LC50 13pph/15 min.  
Intraperitoneal - Mouse: LD50 8.6g/kg

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

Acute Effects of Overexposure: Anesthesia, impaired psychological and psychomotor functions. Repeated skin contact may cause defatting and dermatitis.

Chronic Effects of Overexposure:  
Unknown

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

First Aid

Inhalation: Remove to fresh air and apply artificial respiration if needed. Contact physician, advise against use of epinephrine-type drugs.

Skin: Wash with soap and water. Apply lanolin-type creams.

Eye: Flush eyes with copious quantities of water. Seek medical help.

Oral: Induce vomiting. Contact physician. Advise against epinephrine-type drugs.

Medical Conditions Generally Aggravated by Exposure: None known

Other Health Hazards: None known

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SECTION VII - PROTECTION INFORMATION

Respiratory: SCBA for emergency use

Ventilation: Adequate general ventilation. Material will collect in low areas.

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

Gloves: Impervious gloves

Other equipment: None usually required.

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SECTION VIII - SPILL, LEAK AND DISPOSAL PROCEDURES

Spill, Leak, or Release: For larger spills evacuate area and provide ventilation. Prevent spill from entering sewer. Those involved with cleanup should wear SCBA

Waste Disposal: Absorb spills on absorbent material and hold in covered containers for disposal. Material may be incinerated by licensed waste disposal company. Observe all federal, state and local regulations.

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SECTION IX - OTHER INFORMATION

## 1. Hazardous Materials/Dangerous Goods Shipping Regulations

U.S. (49 CFR): Proper Shipping Name: Non-Hazardous Material

IATA: Proper Shipping Name: Non-Dangerous Goods

IMDG: Proper Shipping Name: Non-Dangerous Goods

## 2. Other Information: HMIS Labeling: H 2; F 1; R 0; P C

## 3. R113a is an isomer of CFC-113 and should be handled as a Class I Controlled Substance under the Stratospheric Ozone Protection Program.

REVISED: SEPTEMBER 23, 2005