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SECTION V - REACTIVITY DATA

Unstable [ ] Conditions to Avoid: Material is flammable.  
Stable [X] Keep away from sources of ignition. High heat of  
reaction when dissolved in water.

Incompatibility (Materials to Avoid): Aluminum, zinc, alkali metals, finely powdered metals, moisture, strong oxidizing agents, strong bases.

Hazardous Combustion or Decomposition Products: toxic fumes of carbon dioxide, carbon monoxide, and hydrogen fluoride.

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

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SECTION VI - HEALTH HAZARD DATA

May be harmful if inhaled. Harmful if swallowed. Material is irritating to mucous membrane and upper respiratory tract. Causes skin irritation. The completely fluorinated analog (Hexafluoroacetone) is known to be a reproductive hazard. Symptoms of exposure may include coughing, burning sensation, eyes watering, shortness of breath, headache, nausea and vomiting.

To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated.

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

Acute Effects of Overexposure:

Chronic Effects of overexposure: Unknown

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

First Aid

Inhalation: Remove to fresh air and give artificial respiration if necessary. If breathing is difficult give oxygen. Seek medical help.

Skin: Wash affected area immediately for 15 minutes. Remove contaminated clothing and shoes. Seek medical help if needed.

Eye: Flush eyes with plenty of water for at least 15 minutes. Consult physician.

Oral: If swallowed wash out mouth with water provided person is conscious. Seek medical attention.

Medical Conditions Generally Aggravated by Exposure: No information available.

Other Health Hazards: No information available.

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SECTION VII - PROTECTION INFORMATION

- Respiratory: Do not breathe vapors. Use a respirator or exhaust hood. Self-contained breathing apparatus for emergency use.
- Ventilation: Provide explosion proof mechanical exhaust system. Ensure compliance with applicable exposure limits.
- Eye and Face: Safety glasses or goggles and face shield. This material is a lachrymator.
- Gloves: Wear appropriate chemical resistant gloves.
- Other equipment: Keep container closed and away from heat and open flame. Have safety shower and eye bath available. Use nonsparking tools only.

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SECTION VIII - SPILL, LEAK AND DISPOSAL PROCEDURES

- Spill, Leak, or Release: Evacuate area. Shut off all sources of ignition. Use nonsparking tools. Wear self-contained breathing apparatus, rubber boots and heavy chemical resistant gloves. Cover with dry lime, sand or soda ash and place in closed container for disposal. Ventilate area and wash spill site after material is picked up.
- Waste Disposal: Burn in a chemical incinerator equipped with an afterburner and scrubber. Exert care in igniting since this material is highly flammable. Observe all federal, state and local regulations.

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SECTION IX - OTHER INFORMATION

- DOT Information - Proper Shipping Name: Flammable liquids, N.O.S.  
(1,1,1-Trifluoroacetone)  
(Domestic Only) Hazard Class: 3 UN/NA Number: 1993  
Packing Group: I
- IATA - Proper Shipping Name: Flammable liquid, N.O.S.  
(1,1,1-Trifluoroacetone)  
Hazard Class: 3 UN/NA Number: 1993  
Packing Group: I
- IMDG - Proper Shipping Name: Flammable liquid, N.O.S.  
(1,1,1-Trifluoroacetone)  
Hazard Class: 3 UN/NA Number: 1993  
Packing Group: I

Other Information: HMIS Labeling: H 2; F 4; R 0