IDENTITY: CALCIUM TRIFLUOROACETATE

SECTION I: MANUFACTURER

HALOCARBON PRODUCTS CORPORATION Emergency Number: (803) 278-3504
P.O.Box 661 Customer Service & Sales (201) 262-8899
River Edge, NJ 07661

Prepared by: MSDS COORDINATOR

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components | CAS No. | OSHA PEL | ACGIH TLV | Other Limits
--- | --- | --- | --- | ---
Calcium trifluoroacetate | 60884-90-4 | None | None | None

OSHA HAZARD RATING:
This product contains the following toxic chemical(s) subject to Section 313 title III reporting requirements (40 CFR Part 372).

None

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: Not available
Melting point: Decomposes starting at 106°C
Specific Gravity (H₂O=1): Not available
Appearance & Odor: white powder.
Vapor Pressure: Not available
Vapor Density (Air = 1) : >1
Solubility in Water: Soluble

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point/Method: Not available
Autoignition Temp: Not determined
Flammability Limits in Air LEL: Not determined UEL: Not determined
Extinguishing Media: Carbon dioxide, regular dry chemical or appropriate foam. Use methods appropriate for surroundings.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin or eyes.
Unusual fire and explosion Hazards: Thermal decomposition products are corrosive and toxic.

SECTION V: REACTIVITY DATA

Unstable [ ] Conditions to Avoid: Moisture and heat. Salt starts decomposing at 106°C
Stable [x] and breaks down to form CaF$_2$.

Incompatibility (materials to avoid): Strong acids, moisture, strong oxidizing agents.

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

Hazardous Polymerization: [ ] May occur [x] Will not occur

Conditions to Avoid: N/A

SECTION VI: HEALTH HAZARD DATA

Material is hydrolyzed very easily in water and will form trifluoroacetic acid which is corrosive. Material is irritating to mucous membrane and upper respiratory tract. It causes eye and skin irritation. It may be harmful by inhalation, ingestion or skin absorption. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

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

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.

SECTION VII: PROTECTION INFORMATION

Respiratory: Self contained breathing apparatus for emergency use.

Ventilation: Provide mechanical exhaust system. Ensure compliance with applicable exposure limits.

Eye protection: Safety glasses or goggles.
Gloves: Wear appropriate chemical resistant gloves.

SECTION VIII: SPILL, LEAK AND DISPOSAL PROCEDURES

Spill, Leak or Release: Wear self-contained breathing apparatus, rubber boots and heavy chemical resistant gloves. Sweep up and place in a bag and hold for waste disposal. Ventilate area and wash spill site after material is picked up.

Waste disposal: Dissolve or mix material with combustible solvent. Burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local regulations.

SECTION IX – OTHER INFORMATION

1. Hazardous Materials/Dangerous Goods Shipping Regulations

US (49 CFR): Proper Shipping Name: Non-Hazardous

IATA: Proper Shipping Name: Non-Dangerous Goods

IMDG: Proper Shipping Name: Non-Dangerous Goods