

1. Identification

Product Name: FTF100, FTF003, FTF001
Other means of identification: No data available
Recommended use: Lubricating fluid
Restrictions on use: Industrial use only

Manufacturer/Supplier/Distributor Information:

Company Name: Fil-Tech, Inc.
Address: 6 Pinckney St.
Boston, MA 02114
Telephone: 617-227-1133
Fax: 617-742-0686

Contact Person: EHS Department
E-Mail: sales@filtech.com

Emergency Phone: 617-227-1133

2. Material Identification and Information

Decomposition: Heating above 260°C, (500F) may depolymerize in the presence of some metal oxides at above 288°C (550°F.) Decomposition occurs at increasing rates as temperature is raised above 355°C (670°F).

Chemical Family: Perfluoroalkylether 100%
Cas Number: 60164-51-4

3. Physical/Chemical Characteristics

Vapor pressure (mm Hg and Temperature): Less 10
Vapor density: H₂O negligible
Boiling point:
Appearance and Odor: Odorless, Liquid, Viscous oil, Colorless
Specific Gravity (H₂O 1): 1.86 1.91@ 24°C

4. Fire and Explosion Hazard Data

Flash point and method used: PMCC Doesn't
Extinguisher:

Media: Ignite Media = Water, Chemical Foam, Dry Powder, Dry Chemical CO2

Special Fire fighting procedures: Sand or Earth.

Evacuate personnel to safe area. Avoid breathing decomposition products. Decomposition at fumes temperature may for toxic fluorine compounds.

5. Reactivity Hazard Data

Stability:

Incompatibility (Materials to Avoid):

Hazardous: Decomposition Products. Some aluminum and magnesium alloys when the metal is subject to shear under severe conditions.

6. Health Hazard Data

Primary Routes of Entry: Inhalation, ingestion, skin absorption. Not hazardous.

Carcinogen listed in NTP, OSHA, IARC: Not listed

Health Hazards

Acute: Remove to fresh air: flush with water; not hazardous

Chronic: No acceptable data is available to confidently predict the effects of excessive human exposure to this compound.

Signs and Symptoms of Exposure:

Medical Conditions Generally Aggravated by Exposure:

Emergency First Aid Procedures: Seek medical assistance for further treatment. Observation and support if necessary.

Eye Contact: Immediately flush eyes with water for 15 minutes

Skin contact:

Inhalation: If large amounts inhaled removed to fresh air.

Ingestion:

7. Controls and Protective Measures

Respiratory Protection (specify type): Keep way from heat, sparks, and fumes. Keep container tightly shut.

Protective Gloves

Eye Protection: Goggles or glasses with side shields

Ventilation: Local exhaust – ventilation when temp. Mechanical (general) Special Exceeds 260°C.

To Be Used Other (specify)

Other Protective Clothing and Equipment:

Hygienic Work Practices: No consumption of food, drink, or tobacco where they might be affected.

8. Precautions for Safe Handling and Use / Leak Procedures

Steps to Be Taken if Material Is Spilled or Released: Review fire, Explosion, and Safety precautions before proceeding with clean up. Use appropriate personal protective equipment during clean up.

Waste Disposal Methods: Treatment, storage, transportation, and disposal must be WIPE and REMOVE in accordance with Federal, State and Local regulation, Do Not Burn.

Precautions to be taken in Handling and Storage: Shipping: Domestic – other than air (DOT) Not Regulated.

Other Precautions and/or Special Hazards: Keep container tightly closed. Do not store consumable where they might be contaminated.

FTA Rating: Health/Flammability/Reactivity/Special

HMIS Rating: Health/Flammability/Reactivity/personal Protection

Revised: 01.01.2020