

**MATERIAL SAFETY DATA SHEET**  
**FIL-TECH FT20**

**Product Identification**

Product Name: FT20

Chemical Name and or Family Description: Paraffin Pale Oil

Manufacturer: Fil-Tech, Inc.

6 Pinckney St.,

Boston, MA 02114

Telephone No.: 617-227-1133

Fax No.: 617-742-0686

This product is classified as: Not carcinogenic

**Occupational Control Procedures**

Eyes: Chemical type goggles or face shield optional.

Skin: Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin areas several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.

Inhalation: If vapor, mist or dust is generated in excess of permissible concentrations use respirator approved by MSHA or NIOSH.

Ventilation: Adequate to meet permissible concentrations.

Permissible Concentrations:

Air: 5 mg/m<sup>3</sup> for mineral oil mist averaged over an 8 hour daily exposure (OSHA PEL, ACGIH TLV-TWA).

**Emergency And First Aid Procedures**

Eyes: As with most foreign materials, should eye contact occur, flush eyes with plenty of water.

Skin: Wash exposed areas with soap and water.

Ingestion: None considered necessary.

Inhalation: If irritation or drowsiness occurs, remove to fresh air.

Other Instructions: None.

### **Physiological Effects**

Acute:

Eyes: Believed to be minimally irritating.

Skin: Believed to be minimally irritating.

Respiratory System: Vapors or mist in excess of permissible concentrations may cause irritation (nose/throat), headache, nausea, and drowsiness.

Chronic: N.D.

Sensitization Properties:

Skin: Unknown

Respiratory: Unknown

Median Lethal Dose (LD50 LC50)(Species)

Oral: Believed to be >5 g/kg (rat); practically non-toxic

Inhalation: N.D.

Dermal: Believed to be >3 g/kg (rabbit); practically non-toxic

Other: N.D.

Irritation Index, Estimation of Irritation (Species)

Skin: Believed to be <0.5/8.0 (rabbit); no appreciable effect

Eyes: Believed to be <15/110 (rabbit); no appreciable effect

Symptoms of Exposure: None expected other than possible minimal irritation

### **Fire Protection Information**

Ignition Temp, F: N.D.

Flash Point, F, (Method): 410 F (COC)

Flammable Limits (%): Lower: N.D. Upper: N.D.

Products Evolved When Subjected to Heat or Combustion: Carbon monoxide, carbon dioxide, aldehydes and ketones, combustion products of nitrogen and sulfur.

Recommended Fire Extinguishing Agents and Special Procedure: According to the National Fire Protection Association Guide, use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak.

Unusual or Explosive Hazards: None.

### **Environmental Protection**

Waste Disposal Method: Under RCRA, it is the responsibility of the user of the products to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product user, transformations, mixture, processes, etc. may render the resulting material hazardous. (See remarks for Waste Classification.)

Procedure in Case of Breakage or Leakage: Contain spill if possible. Wipe up or absorb on suitable material and shovel up.

Remarks: Waste Classification: Product has been evaluated for RCRA characteristics and does not meet criteria of a hazardous waste if discarded in its purchased form.

### **Precautions**

None considered necessary.

Requirements for Transportation, Handling, and Storage: Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

DOT Proper Shipping Name: N.A.

DOT Hazard Class (if applicable): N.A.

### **Chemical and Physical Properties**

Boiling Point F: N.D.

Vapor Pressure: N.D.

Specific Gravity: .8789

Vapor Density: N.D.

Appearance and Odor: Pale liquid

PH of undiluted product: N.A.

Solubility: N.D.

Percent Volatile by Volume: N.D.

Evaporation: N.D.

Viscosity: 64.5 cSt @ 40 C

Hazardous Polymerizations: Do not occur

The Material Reacts Violently With: Strong Oxidizers

### **Composition**

Chemical /Common Name: Solvent-dewaxed heavy paraffinic petroleum distillates

CAS No.: 6474250

Exposure Limit: 5 mg/m<sup>3</sup> ACXGIH (MIST); 5 mg/m<sup>3</sup> OSHA (MIST); 10 mg/ms STEL (MIST)

Range in %: 100.00

### **SARA Title III**

Title II section 302/304 Extremely Hazardous Substance: None

CERCLA Section 102(a) Hazardous Substance: None

Title III Section 311 Hazard Categorization: Not Applicable

Title III Section 313 Toxic Chemicals: None

### **Product Shipping Label**

None considered necessary

Chemical/Common Name: Solvent-dewaxed heavy paraffinic petroleum distillates

CAS No.: 6474250

Range in %: 100.00

Not classified as a hazardous material by DOT definition.

HMIS: Health: 0; Reactivity: 0; Flammability: 1; Special: -.

Caution: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Don not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

## **Additional Comments**

Sate of Michigan Critical Materials Act (Revised 1989): No critical materials present

WHMIS Classification: Not regulated

To determine applicability or effect of any law or regulation with respect to the product, users should consult his legal advisor or the appropriate government agency.

By: Manager Product Safety Program

Date: 01-15-15 Revised; Supersedes 09-20-11