Material Safety Data Sheet

Section I – Product Identification

Product Name: High Performance Fluid *(formerly called Diffusion Fluid)*
Date of Revision: 05/09/06
Produced By: CITC
2100 196th Street SW #138
Lynnwood, WA 98036
Prepared By: MSDS Coordinator
Emergency Phone: CHEM-TEL, INC. 1-800-255-3924

Section II – Hazardous Ingredients

HAZARD WARNING LABEL NOT REQUIRED UNDER OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

Hazardous Decomposition
Products: Carbon Monoxide & Carbon Dioxide for burning.
Incompatibility: Strong oxidizers such as hydrogen peroxide, bromine and chronic acid.
Toxic and Hazardous Ingredients: None

Section III – Physical Data

Chemical Name: White Mineral Oil, highly refined food grade
Formula: A mixture of liquid hydrocarbons refined from a proprietary formula, may contain up to 10-PPM Tocopherols as a stabilizer. (Vitamin E)
Form: Viscous Liquid
Boiling Point: Greater than 450° F, (230° C).
Melting Point: N / A
Specific Gravity: Less than 1 at 59° F, (15°C).
Solubility in Water: Negligible at 77° F, (25° C).
Volatile: 0 at 77° F, (25° C).
PH: N / A
Vapor Pressure: Less than .005
Vapor Density: N / A
Evaporation Rate: 0 at 77° F, (25° C).
Appearance and Odor: Clear with no odor
Stability: Product is stable under normal conditions
Viscosity SUS at 100° F (38° C): Greater than or = to 100

This product is made in a manner to insure quality, purity, and stability. Handle carefully to preserve its original quality. This product does not contain any chemical subject to reporting under the Canadian Controlled Products Regulations of WHMIS.

Section IV – Fire and Explosion Hazard Data

Fire:	1
Flash Point:	ASTM D-92 greater than 370° F, (188° C)
Flammable Limit:	No data available
Extinguishing Agents:	Drychemical, Waterfog, CO2, Foam, or Sand/Earth. Closed containers exposed to fire may be cooled with water.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus. Water spray is an unsuitable extinguishing agent.
Unusual Fire and Explosion Hazards:	None

Section V – Health Hazard Data

Permissible concentrations: If used in applications where a mist may be generated. Observe a TWA/PEL of5mg/m3 for mineral oil mist (OSHA and ACGIH). Overexposure of 5 mg/m3 reports no negative effects.

Chronic Effects of Overexposure: No data available.

Acute toxicological properties: No data available.

Emergency and First Aid Procedures:

Ingestion:	Contact a physician immediately.
Skin:	Wash with soap and water.
Inhalation:	Employees working under the conditions evaluated for 40 hours per week for 50 years would not suffer adverse health effects related to the mineral oil mist generated by hazing.
Eyes:	Flush with large amounts of water for at least 15 minutes. If irritation persists, call a physician.

Section VII – Spill or Leak Procedure

Steps to be taken in case material is released or spilled: Shut off leak and dike up large spills. Absorb with an inert material such as earth, sand, or vermiculite. Sweep up and dispose of in accordance with Federal, State and Local Regulations.

Waste Disposal: Dispose if in accordance with all applicable Federal, State and Local Regulations.

Section VIII – Safe Handling and Use Information

Respiratory Protection:	None.
Ventilation:	Local if necessary to maintain allowable PEL or TLV.
Protective Gloves:	None.
Eye Protection:	Chemical safety glasses when handling liquid.

Other Protective Equipment: None.

Section IX – Special Precautions

Precautions to be Taken in Handling and Storage:
Keep away from heat and flames. Do not store near strong oxidizing agents
Keep openings clean and free of dirt, debris, or any pollutants.

Maximum Storage Temperature: 150° F (66° C).
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