

MATERIAL DATA SAFETY SHEET



Company Contact:
Email: infor@green-temp.com
Emergency Contact
CHEMTREC: 1-800-424-8300

I. IDENTIFICATION

Product: Chemical Name/Formula: Chemical Family: CAS Number:	GreenTemp HT – Heat Transfer Fluid N/A – Compound Mixture Proprietary Mix Proprietary Mix – 7732-18-5 (water)	** 24 Hour Assistance** ChemTrec: 1-800-424-8300
Manufacturer Name: Manufacturer Address: Phone:	GreenTemp Innovations, LLC. P.O. Box 751 Bloomfield Hills, MI 49306 (800) 878 - 1010	NFPA Hazard Rating: Health (0) Fire (0) React. (0)

II. HAZARDOUS MATERIAL IDENTIFICATION

1 – None – Non-toxic

III. PHYSICAL AND CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Appearance and Odor: Solubility in Water: Reactivity in Water:	@ 72° F Light Brown, clear to opaque liquid, fatty sweet odor. Stable
Boiling Point: Specific Gravity (H ₂ O=1): Vapor Pressure (mm Hg):	@ 760 mmHg > 212° F (Water) @ 22/23° C 1.1-1.2 @ 72° F < 0.1mm
Percent Volatile by Volume: Vapor Density: Evaporation Rate:	N/A N/A N/A
Flash Point (PMCC): Flammable in Air % by Volume: Extinguisher Medium: Auto-ignite Temperature:	>390° Lower: N/A – Upper: N/A Water, CO ₂ , Dry Chem's N/A
Special Fire Fighting Procedures: Unusual Fire and Explosion Hazards:	Wear self-contained breathing apparatus and protective clothing Contact of GreenTemp HT with strong oxidizing agents such as Nitric Acid or other strong acids, Chromium Trioxide, Potassium Chlorate, or Potassium Permanganate may cause an explosion.

IV. PHYSICAL HAZARDS

Stability: Hazardous Polymerization: Hazardous Decomposition Products: Incompatibility (materials to avoid):	Stable – Conditions to Avoid: Normally stable Will Not Occur – Conditions to Avoid: None Does not decompose up to 400° F Strong oxidizing agents such as Nitric Acid or other strong acids, Chromium Trioxide, Potassium Chlorate, or Potassium Permanganate may cause an explosion
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V. HEALTH HAZARDS

Threshold Limited Value: ACGIH – GreenTemp mist – 10mg/m³
Animal Feed Safe. GRAS (Generally Regarded As Safe)

Signs and Symptoms of Exposure

1. Acute Overexposure: INHALATION – Mist may be irritating to respiratory tract.
2. Chronic Overexposure: No particular symptoms.

Medical Conditions Generally Aggravated by Exposure: Not Available

Chemical Listed a Carcinogen or Potentially Carcinogen

National Toxicology Program: No L.A.R.C. Monographs: No OSHA: No

OSHA Permissible Exposure Limit: N/A ACGIH Threshold Limit: N/A Other Used: N/A

Emergency and First Aid Procedure

1. Inhalation Remove to fresh air
2. Eyes Immediately flush with large amounts of water
3. Skin Wash thoroughly with plenty of soap and water

VI. SPECIAL PROTECTION INFORMATION

RESPIRATORY Protection (Special Type): A NIOSH/MSHA approved respirator should be used if a mist or vapor is generated

Ventilation: Local: Normal Exhaust
Mechanical: N/A (general) Acceptable
Special: None
Other: None

Protection: Gloves: None Required
Eye Protection: Wearing safety is recommended

Other protective clothing or equipment: N/A

VII. SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken on Handling and Storage: Should be stored in clean tight containers to prevent moisture pickup from air. Can be stored in aluminum, stainless steel, plastic, fiber glass or resin lined steel vessels

Other Precautions: N/A

Steps to be taken in Case Material is Released or Spilled:

Personal Precautions: Wear respirator, suitable gloves & eye/face protection
Environmental Precautions: Minimize contamination of drains, surface, ground water
Procedures for Spill/Leak Clean Up: Normal industrial cleaning procedures, water

Waste Disposal Methods: Dispose according to local, state and federal regulations

Labeling: None required. Avoid contact with strong agents such as Nitric Acid or other strong acids, Chromium Trioxide, Potassium Chlorate or Potassium Permanganate