



# Safety Data Sheet/ Fiche Signalétique – HTF-20

## Section 1 – Identification

**Product identifier:** HTF-20

**Supplier:** Multi-Blend Ltd., 6535 Millcreek Drive, Units 9-12, Mississauga, Ontario, L5N 2M2, 905-678-9559, admin@multiblend.com

**Recommended use:** Heat transfer fluid to lower freeze point.

**Emergency contact:** Canutec – 1-888-CAN-UTEC (226-8832) or 613-996-6666 or \*666 on a cellular phone.

## Section 2 – Hazard Identification

**Classification:** WHMIS Information: This product is not a WHMIS Hazardous product.

**Emergency overview:** No immediate risks should be expected.

**Carcinogenic status:** Not known to be carcinogenic. See TOXICOLOGICAL INFORMATION, section 11.

**Additional health hazards:** See TOXICOLOGICAL INFORMATION, section 11.

**Potential environmental effects:** See ECOLOGICAL INFORMATION, section 12.

## Section 3 – Composition/Information on ingredients Section 2 – Hazard Identification

No hazardous ingredients

## Section 4 – First Aid Measures

**Inhalation:** If feeling unwell after inhalation, remove to fresh air and keep comfortable. If condition persists, seek medical attention.

**Skin contact:** If irritation occurs, wash skin thoroughly with soap and water. If irritation persists, seek medical attention.

**Eye contact:** If irritation occurs, rinse eyes thoroughly with water. If irritation persists, seek medical attention.

**Ingestion:** Do NOT induce vomiting. If feeling unwell, seek medical attention.

## Section 5 – Fire Fighting Measures

**Flammability:** Non-flammable.

**Recommended means of extinction:** That for surrounding materials.

**Special procedures:** None.

**Hazardous combustion products:** Carbon oxides; Phosphorus oxides.

**Oxidizing properties:** No data available

## Section 6 – Accidental Release Measures

**Personal precautions:** All personnel dealing with accidental release should take necessary precautions as outlined in EXPOSURE CONTROLS AND PERSONAL PROTECTION, Section 8.

**Spill response:** Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. Ventilate area of release. Stop spill or leak at source if safely possible. Dike for water control. Use only non-sparking tools and equipment in the clean-up process. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13).

## Section 7 – Handling and Storage

**Safe handling procedures:** Regular care should apply. Use only in well-ventilated areas. Wear suitable protective equipment during handling. Avoid breathing vapours or mists. Avoid contact with eyes, skin and clothing. Keep away from extreme heat and flame. Keep away from incompatibles. Keep containers tightly closed when not in use. Wash thoroughly after handling.

**Safe storage procedures:** Should be stored at room temperature in a dry, well-ventilated area.

## Section 8 – Exposure Controls and Personal Protection

Ingredient	Time-Weighted Average Limit (TWA)	Short-Term Exposure Limit (STEL) / Ceiling Limit (C)
Propylene Glycol	10 mg/m <sup>3</sup>	Not available

**Engineering controls:** General exhaust should be sufficient.

**Personal protective equipment (PPE):**

**Skin:** Gloves impervious to the material are recommended. Advice should be sought from glove suppliers.

**Eyes:** If eye contact deemed possible, safety glasses should be used. Ensure equipment is properly fitted for the user. Equipment should be tested and approved under government standards.

**Respiratory:** Not normally required.

**Other:** Wear sufficient clothing to prevent skin contact. Depending on conditions of use, an impervious apron should be worn. An eyewash station and safety shower should be made available in the immediate working area.

## Safety Data Sheet/ Fiche Signalétique – HTF-20

### Section 9 – Physical and Chemical Properties

---

**Physical state:** Liquid.

**Appearance:** Clear.

**Odour:** None.

**Odour Threshold:** Details

**pH:** N/A

**Freezing point:** -20°C

**Boiling point:** 162°C

**Flash point:** No data available.

**Flammability:** Not applicable.

**Flammability limits:** Not applicable.

**Vapour pressure:** No data available.

**Vapour density:** No data available.

**Specific gravity:** 1.00

**Solubility:** Complete.

**Partition coefficient:** No data available.

**Auto ignition temperature:** No data available.

**Decomposition temperature:** No data available.

**Viscosity:** No data available.

**Evaporation rate:** No data available.

### Section 10 – Stability and Reactivity

---

**Chemical stability:** Stable. See STORAGE AND HANDLING, Section 7

**Hazardous reactions:** None known.

**Conditions to avoid:** Extreme heat and/or cold.

**Incompatible materials:** None known.

### Section 11 – Toxicological Properties

---

**Effects of acute exposure:** Repeated contact may cause reddening and mild irritation of skin and eyes.

**Effects of chronic exposure:** Skin and eye irritation may occur upon long-term chronic exposure.

**Irritant:** Not known to cause irritation.

**Sensitization to material:** No known evidence of sensitization.

**Carcinogenicity:** No known evidence of carcinogenicity.

**Germ cell mutagenicity:** No known evidence of mutagenicity.

**Reproductive effects:** No known reproductive effects.

**Target organ effects (single exposure):** No data available.

**Target organ effects (repeated exposure):** No data available.

**Aspiration hazard:** No data available.

**Signs and symptoms of exposure:**

**Skin/eyes:** May lead to some reddening and irritation.

**Inhalation:** May lead to irritation of respiratory tract.

**Ingestion:** May lead to nausea, vomiting, dizziness and headache.

**Toxicological data:** No whole formulation data available.

**Estimated ATE:** No hazardous ingredients.

**Synergistic materials:** No data available.

**Other important hazards:** None known.

### Section 12 – Ecological Information

---

**Ecotoxicity:** Not expected to be harmful to aquatic organisms. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Do not allow material to contaminate ground water system.

**Biodegradability:** Readily biodegradable

**Bioaccumulation:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** No data available.

### Section 13 – Disposal Considerations

---

**Handling for disposal:** According to precautions outlined in HANDLING AND STORAGE, Section 7 and EXPOSURE CONTROLS and PERSONAL PROTECTION, Section 8.

**Methods of disposal:** Follow all applicable federal, state/provincial and municipal regulations. For specific information, contact your federal, state/provincial or local environmental agency.

### Section 14 – Transport information

---

**UN Number:** Not classified.

**Packing Group:** Not classified.

**Hazard Class:** Not classified.

**Additional precautions:** No special precautions required, normal care should apply.

### Section 15 – Regulatory Information

---

**WHMIS 2015:** Refer to HAZARDS IDENTIFICATION, Section 2



## Safety Data Sheet/ Fiche Signalétique – HTF-20

### Section 16 – Other information

---

LD: Lethal Dose, ATE: Acute Toxicity Estimate, WHMIS: Workplace Hazardous Materials Identification System

Date Prepared: January 9, 2024

Contact Multi-Blend Ltd. (905-678-9559, admin@multiblend.com) with questions or for support.

DISCLAIMER: The information contained herein is compiled from sources believed to be reliable. The manner and conditions of use and handling may involve other and additional considerations. We accept no responsibility for the accuracy, sufficiency and reliability of this information and disclaims any liability incurred in connection with the use of this product or the data given above.