# Safety Data Sheet

**Creation Date** 01-22-2015 **Revision Number** 2

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

**Product identifier**

**Product name** 5070

**Other means of identification**

**Recommended use of the chemical and restrictions on use**

**Material Uses** Coolant

**Uses advised against** Verify Applications

**Details of the supplier of the safety data sheet**

**Manufacturer**

Hangsterfer's Laboratories, Inc.
175 Ogden Road
Mantua, NJ 08051
Phone 856-468-0216, Fax 856-468-0200
Website: www.hangsterfers.com

**Emergency telephone number**

**Emergency telephone number** Chemtrec 1-800-424-9300 in USCanutec 1-613-996-6666 in Canada For international assistance, dial Chemtrec US number 1-703-527-3887

## 2. Hazards Identification

Prepared according to OSHA Hazard Communication Standard (29 CFR 1910.1200) and ANSI MSDS Standard (Z400.1). Complies with Canadian Workplace Hazardous Materials Information System (WHMIS) standards.

**Classification**

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Label Elements**

**EMERGENCY OVERVIEW**

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** Amber **Physical state** Liquid **Odor** Mild

**Hazards not otherwise classified (HNOC)**

**Other Information**

• No known effect

## 3. Composition/information on Ingredients

**Chemical Family** Synthetic Fluid

## 4. First Aid Measures

**First aid measures**

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin contact** Wash skin with soap and water. Consult a physician if necessary.

**Inhalation** Remove to fresh air. Consult a physician if necessary.

**Ingestion** Do NOT induce vomiting. Drink plenty of water. Consult a physician if necessary.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** None known.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## 5. Fire-Fighting Measures

**Suitable extinguishing media**
Not applicable.

**Specific hazards arising from the chemical**
None.

**Protective equipment and precautions for firefighters**
Move containers from fire area if you can do it without risk.

## 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin and eyes. Wear boots, gloves and protective suit when handling large spills. Ensure adequate ventilation.

**Other Information** Report spills as required to the appropriate authorities.

**Environmental precautions**

**Environmental precautions** No unusual hazard.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.

**Methods for Clean-up** Take up mechanically, placing in appropriate containers for disposal.

## 7. Handling and Storage

**Precautions for safe handling**

**Handling** Keep container in a well-ventilated place. Do not puncture, crush or incinerate containers. Avoid contact with skin and eyes.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep container tightly closed in a dry and well-ventilated place. Keep away from direct sunlight. Keep away from heat and sources of ignition.

**Incompatible materials** Acids and oxidizing agents.

## 8. Exposure Controls/Personal Protection

**Control parameters**

**Exposure guidelines** The table below lists known exposure levels for any components of this product which are considered hazardous. Keep in mind, however, that these exposure levels are for air levels of the individual ingredients as measured by specific analytical methods.

**Appropriate engineering controls**

**Engineering controls** Use in well ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below the recommended mineral oil mist exposure limits (ACGIH TLV TWA: 5 mg/m$^3$; ACGIH TLV STEL: 10 mg/m$^3$; OSHA PEL TWA: 5 mg/m$^3$).

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Safety glasses with side-shields.

**Skin and Body Protection** Use protective gloves and clothing if contact with product is likely.

**Respiratory protection** If personal exposure levels cannot be maintained below accepted exposure limits, NIOSH/MSHA approved respiratory protection should be worn.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

**Information on basic physical and chemical properties**

| | | | |
|---|---|---|---|
| **Physical state** | Liquid | | |
| **Appearance** | Amber | **Odor** | Mild |
| **Color** | Amber | **Odor threshold** | No data available |

| Property | Values | Remarks • Method |
|---|---|---|
| **pH** | 9.0 - 9.8 | |
| **Melting point / freezing point** | No information available | |
| **Boiling point** | 100 °C / 212 °F | |
| **Flash point** | Not flammable | |
| **Evaporation rate** | No information available | |
| **Flammability (solid, gas)** | No information available | |
| **Flammability Limit in Air** | | |
| **Upper flammability limit** | No unusual hazard | |
| **Lower flammability limit** | No unusual hazard | |
| **Vapor pressure** | <1 | |
| **Vapor density** | No information available | |
| **Specific gravity** | 1.01 - 1.04 | |
| **Water solubility** | Soluble in water | |
| **Solubility in other solvents** | No information available | |
| **Partition coefficient** | No information available | |
| **Autoignition temperature** | No unusual hazard | |
| **Decomposition temperature** | No unusual hazard | |
| **Kinematic viscosity** | 10 - 16 cSt @ 40°C / 58 - 82 SUS @ 100°F | |
| **Dynamic viscosity** | No information available | |
| **VOC Content, % Vol** | Request additional information | |

## 10. Stability and Reactivity

**Reactivity**
No unusual hazard

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**
None under normal use conditions.

**Hazardous polymerization** Hazardous polymerization does not occur.

**Conditions to avoid**
No additional remarks.

**Incompatible materials**
Acids and oxidizing agents.

**Hazardous decomposition products**
Carbon oxides.

## 11. Toxicological Information

**Information on likely routes of exposure**

**Product Information**

| | |
|---|---|
| **Inhalation** | No unusual hazard. |
| **Eye contact** | No unusual hazard. |
| **Skin contact** | No unusual hazard. |
| **Ingestion** | No unusual hazard. |

**Information on toxicological effects**

**Symptoms** None known.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

| | |
|---|---|
| **Skin corrosion/irritation** | No unusual hazard. |
| **Serious eye damage/eye irritation** | No unusual hazard. |
| **Sensitization** | No known effect. |
| **Mutagenic Effects** | No known effect. |
| **Carcinogenicity** | No known effect. |
| **Reproductive effects** | No known effect. |
| **STOT - single exposure** | No information available. |
| **STOT - repeated exposure** | No information available. |
| **Chronic toxicity** | No known effect. |
| **Aspiration Hazard** | No unusual hazard. |

**Numerical measures of toxicity - Product Information**

**Oral LD50** > 5000 mg/kg (rat)

## 12. Ecological Information

**Ecotoxicity**

No unusual hazard

**Persistence/Degradability**
Ultimately biodegradable.

**Bioaccumulation/Accumulation**
Not likely to bioaccumulate.

**Other adverse effects** None known

## 13. Disposal Considerations

**Waste treatment methods**

**Waste Disposal Method** Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging** Waste code 15 01 10 may apply to empty containers. Empty containers should be taken for local recycling, recovery or waste disposal.

## 14. Transport Information

**DOT**

| | |
|---|---|
| **UN-No** | Not regulated |
| **Proper shipping name** | Not regulated |
| **Hazard Class** | Not regulated |
| **Packing group** | Not regulated |
| **Labels** | Not regulated |
| **Description** | Not regulated |

**TDG**

| | |
|---|---|
| **UN-No** | Not regulated |
| **Proper shipping name** | Not regulated |
| **Hazard Class** | Not regulated |
| **Packing group** | Not regulated |
| **Labels** | Not regulated |
| **Description** | Not regulated |

**IMDG/IMO**

| | |
|---|---|
| **UN-No** | Not regulated |
| **Proper shipping name** | Not regulated |
| **Hazard Class** | Not regulated |
| **Packing group** | Not regulated |
| **Labels** | Not regulated |
| **Description** | Not regulated |

**ADR/RID**

| | |
|---|---|
| **UN-No** | Not regulated |
| **Proper shipping name** | Not regulated |
| **Hazard Class** | Not regulated |
| **Packing group** | Not regulated |
| **ADR/RID-Labels** | Not regulated |
| **Description** | Not regulated |

**IATA**

| | |
|---|---|
| **UN-No** | Not regulated |
| **Proper shipping name** | Not regulated |
| **Hazard Class** | Not regulated |
| **Labels** | Not regulated |

| | |
|---|---|
| **Packing group** | Not regulated |
| **Description** | Not regulated |

## 15. Regulatory Information

### US Federal Regulations

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

| | |
|---|---|
| **Acute health hazard** | No |
| **Chronic Health Hazard** | No |
| **Fire hazard** | No |
| **Sudden release of pressure hazard** | No |
| **Reactive Hazard** | No |

**CWA (Clean Water Act)**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### U.S. Regulations & Inventories

**California Proposition 65**
This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

The table below lists any regulatory or inventory listing information found for ingredients of this product which are considered hazardous. All other components are either listed on the TSCA inventory or are exempt from listing. See Section 16 for explanation of column headings.

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

**CANADA**

## 16. Other Information

| | | | | |
|---|---|---|---|---|
| **NFPA** | **HEALTH** 1 | **Flammability** 0 | **Instability** 0 | **Physical hazard** - |
| **HMIS** | **HEALTH** 1 | **Flammability** 0 | **Physical Hazards** 0 | **Personal Protection** - |

| | |
|---|---|
| **Creation Date** | 01-22-2015 |
| **Revision Date** | 03-06-2019 |

**Disclaimer**
**The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.**

**End of SDS**