# Safety Data Sheet

## Section 1: Product and Company Identification

**Manufacturer**

Tomlin Scientific, Inc.

6780 8th Street

Buena Park, CA 90620

United States of America

Phone: 714-973-7971 Fax: 714-523-7976

**Emergency Phone Numbers**

714-973-7971 Normal Business Hrs.

USA & Canada Chemtrec 800-424-9300

International Chemtrec 703-527-3887

**Recommend Usage:** Lubricant

**Other identifier:** Mixture

**Product Name:** Mineral oil ISO 22-220

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## Section 2: Hazards Identification

**Classification of the Mixture**: Oil. Slight petroleum odor.

**Most Important Hazards:** This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Hazard Statements:**

May cause eye irritation.
May causes skin sensitization with susceptible individuals.

**Precautionary Statements:**

**Prevention**
Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only with adequate ventilation. Do not eat, drink, or smoke when using this product.
Wash thoroughly after handling.

**Response**
Contaminated work clothing must not be allowed out of the workplace. Wash contaminated clothing before reuse.

If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.
If on skin: wash with plenty of water.
If swallowed, call a poison center/doctor if you feel unwell.

**Storage**
Keep container tightly closed. Store in a well-ventilated place.

**Disposal**
Dispose of contents/containers in accordance with local and national regulations.

**Carcinogenicity:**

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|---|---|
| **IARC** | No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC. |
| **OSHA** | No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by OSHA. |
| **NTP** | No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by NTP |

## Section 3: Composition Information on Ingredients

| Ingredient | Weight % | CAS # |
|---|---|---|
| Distillates (petroleum), hydrotreated Light Naphthenic | 70-80 | 64742-53-6 |

To the knowledge of the supplier, there are no other ingredients in this product that are classified as hazardous

## Section 4: First Aid Measures

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| **Eyes:** | Flush eyes with running water for at least 15 minutes. If redness, burning, blurred vision or irritation persists, transport to nearest medical facility for additional treatment. |
| **Skin:** | Flush skin with water, wash with soap and water. If irritation occurs, get medical attention. Remove contaminated clothing. Do not reuse clothing until cleaned. If material is injected under the skin, transport to the nearest medical facility for additional treatment. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment. |
| **Ingestion:** | Do NOT induce vomiting and obtain medical attention. Have victim rinse mouth out with water. If vomiting |

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| | occurs spontaneously, keep head below hips to prevent aspiration. |
| **Inhalation:** | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give oxygen with rescue breathing or CPR as required and transport to the nearest medical facility. |

## Section 5: Fire Fighting Measures

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| **Base Oil Flash Point (ASTM D92):** | >300 °F |
| **Auto Ignition Temperature:** | Not Determined |
| **Suitable Extinguishing Media:** | Carbon Dioxide ($CO_2$)<br>Dry powder<br>Foam<br>Alcohol-resistant foam<br>Water mist |
| **Special Firefighting Measures:** | Procedures for an oil fire should be utilized. Use self-contained breathing apparatus. Water may be used only to keep surrounding containers cool. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece |

## Section 6: Accidental Release Measures

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| **Personal Precautions/Procedures:** | Use PPE and ensure adequate ventilation. |
| **Environmental Precautions:** | Should not be released into the environment.<br>Do not contaminate water.<br>Do not flush to surface water or sanitary sewer system. |
| **Methods and Materials for Containment/Clean Up:** | Contain spillage, soak up with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local/national regulations (see section 13). |

## 7: Handling and Storage

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| **Handling and Storage Precautions** | Avoid heat, open flames, including pilot lights, and strong oxidizing agents.<br>Use explosion-proof ventilation to prevent vapor accumulation.<br>Ground all handling equipment to prevent sparking.<br>Avoid contact with eyes, skin, and clothing.<br>Wash thoroughly after handling.<br>Do not eat, drink, or smoke when using this product.<br>Have appropriate fire extinguishers and spill clean-up equipment in or near storage area. |

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## Section 8: Personal Protection/Exposure Controls

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| **Engineering Controls:** | Use adequate ventilation to keep vapors and mists of this material below applicable standards. Recommended work place control parameters: based on mineral oil ACGIH TWA 5 mg/m$^3$. |
| **Respiratory Protection:** | If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn (OSHA Respiratory Protection Standard 29 CFR 1910.134). |
| **Skin Protection:** | Use protective clothing that is chemically resistant to this product. Acceptable materials for gloves and aprons are: neoprene, nitrile rubber, or viton. |
| **Eye Protection:** | Use safety glasses or goggles. Have suitable eye wash water available. |

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## Section 9: Physical and Chemical Properties

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| **Color**: | amber fluid |
| **Appearance:** | Liquid |
| **Specific Gravity:** | 0.8-0.9 |
| **Solubility in Water:** | Insoluble |
| **Vapor Pressure:** | Not Determined |
| **%Volatile by Volume:** | Not Determined |
| **Evaporation Rate:** | Not Determined |
| **Odor:** | Characteristic |
| **Vapor Density (air = 1):** | Not Determined |
| **Boiling Point:** | Not Determined |
| **Reactivity in Water:** | Not Reactive |

## Section 10: Stability and Reactivity

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| **Stability:** | The product is stable. |
| **Conditions to Avoid:** | Sources of ignition. |
| **Incompatibility:** | Strong oxidizing or reducing agents. |
| **Decomposition Products:** | Oxides of carbon and hydrogen. |
| **Hazardous Polymerization:** | Will not occur. |

## Section 11: Stability and Reactivity

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| **Likely Routes of Exposure:** | Inhalation, skin, eyes, and ingestion. |
| **Potential Health Effects:** | |
| **Eye Effects:** | Can cause irritation, redness, burns, and tissue destruction. |
| **Skin Effects:** | Can cause inflammation, and significant irritation. |
| **Oral Effects:** | Gastrointestinal tract irritation, nausea, and vomiting if swallowed. |
| **Inhalation Effects:** | May cause respiratory tract irritation. |
| **Chronic Health Effects:** | No data available to indicate product or components present in Mixture are chronic health hazards. |
| **Mutagenicity:** | Negative |
| **Reproductive Effects:** | Not Determined |
| **Teratogenicity:** | Not Determined |
| **Sensitization:** | See Section 2 |
| **Toxicological Data:** | ATE oral is >2,000 mg/kg<br>ATE dermal is > 4,000 mg/kg<br>ATE inhalation (mist/aerosol) is estimated at 2.2 mg/L/4 h |

## Section 12: Ecological Information

Not classified due to inadequate data available on this mixture. Highly recommend avoidance of release to environment.

## Section 13: Disposal Considerations

Avoid release to the environment. Dispose in a safe manner in accordance with national, state and local regulations. Not a RCRA hazardous waste if uncontaminated. If "used" RCRA criteria must be determined. Dispose of container by recycling or if permitted incineration.

## Section 14: Transportation Information

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| **Proper Shipping Name:** | PETROLEUM Oil; NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49 CFR. |
| **Shipping Class:** | 65 |
| **DOT Identification Number:** | N/A |
| **DOT Shipping Label:** | Not Regulated by DOT. |
| **TDG Classification:** | Not controlled under TDG (Canada) |

## Section 15: Regulatory Information

**U.S. Federal Regulatory Information**

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|---|---|
| **SARA 302 Threshold Planning Quantity:** | N/A |
| **SARA 304 Reportable Quantity:** | N/A |
| **Sara 311 Categories:** | |
| **Acute Health Effects:** | None |
| **Chronic Health Effects:** | None |
| **Fire Hazard:** | No |
| **Sudden Release of Pressure Hazard:** | No |
| **Reactivity Hazard:** | No |
| **EPA/TSCA Inventory:** | Listed |
| **EPA Classification Code:** | N/A |
| **CERCLA:** | No components are subject to reporting. |
| **Sara Title III-Section 313 Supplier Notification:** | No components listed in this product exceed the DE Minimus reporting level established by SARA Title III< Section 313 and 40 CFR 372. |
| **WHMIS Classification:** | See Section 2. |
| **Other Regulations:** | All components of this formulation are listed on the CEPA-DSL |

## Section 16: Other Information

**NFPA Hazard Rating:**

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|---|---|---|
| **Health:** | **0** | **Slight** |
| **Flammability:** | **1** | **Slight** |
| **Reactivity:** | **0** | **Negligible** |

**SDS Dated: 9/23/2023**

*Threshold Limit Value/Personal Exposure Limit

N/A = Not Applicable

N/E = Not Established