

American Chemical Technologies, Inc.  
485 E. Van Riper Road, Fowlerville, MI 48836  
Office: 517-223-0300 Fax: 517-223-1703

**EMERGENCY: INFOTRAC 1-800-535-5053 24 HOURS/DAY, 7 DAYS/WEEK**

This MSDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

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**SECTION I – IDENTIFICATION**

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**Product Name: SpectraSol 1047**

**General or Generic ID:** Metalworking Lubricant

**DOT Hazard Classification:** Not applicable

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**SECTION II – HAZARDOUS INGREDIENTS/COMPONENTS**

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This product is considered non-hazardous under Federal Hazard Communication Standard (29 CFR 1910.1200)

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**SECTION III – PHYSICAL DATA**

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**Boiling Point:** Not applicable

**Vapor Pressure:** No data

**Specific Gravity:** 0.93

**Appearance:** Amber liquid

**State:** Liquid

**Solubility in Water:** Emulsifies

**Percent Volatiles:** 0%

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**SECTION IV – FIRE AND EXPLOSION DATA**

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**Flash Point:** 300 °F Cleveland Open Cup

**Explosive Limit:** No data available

**Extinguishing Media:** Foam, carbon dioxide, or dry chemical.

**Hazardous Decomposition Products:** Combustion may form toxic materials such as oxides of carbon and sulfur, acid gasses (hydrogen chloride), and incompletely burned hydrocarbons in the form of fumes and smoke.

**Fire Fighting Procedures:** Fire fighters should wear an approved self-contained breathing apparatus. **DO NOT** direct a stream of water onto burning product. This may cause spreading and increased intensity of fire.

**NFPA Codes:** HEALTH – 1 FLAMMABILITY – 1 REACTIVITY - 0

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**SECTION V – HEALTH HAZARD INFORMATION**

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**Effects of Acute Overexposure:**

**Eyes:** May cause irritation and redness.

**Skin:** Prolonged or repeated exposure may cause loss of skin oils accompanied by dryness, cracking, and dermatitis.

**Inhaled:** Not expected to pose a health risk during normal conditions of use. However, overexposure to mist may cause upper respiratory tract irritation and difficulty breathing.

**Ingested:** May cause stomach discomfort, nausea, and diarrhea.

**FIRST AID:**

**Eyes:** Immediately flush with large amounts of water for 15 minutes and call physician.

**Skin:** Remove excess with cloth or paper. Wash thoroughly with soap and water. If irritation continues contact a physician. Remove any contaminated clothing and wash before re-use.

**Inhaled:** Remove exposed individual to fresh air. If breathing is difficult administer oxygen. If breathing has stopped, administer artificial respiration. Contact a physician.

**Ingested:** **DO NOT** induce vomiting. Contact a physician if symptoms persist.

**TLV Value:** 5 MG/M3 as oil mist.

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**SECTION VI– REACTIVITY DATA**

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**Hazardous Polymerization:** Will not occur

**Stability:** Stable

**Incompatibility:** Avoid contact with strong oxidizing agents

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**SECTION VII- SPILL OR LEAK PROCEDURES**

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

**Small Spill:** Absorb product with inert material and transfer to proper waste container for disposal.

**Large Spill:** Dike and pump into drums. Remove all sources of ignition.

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

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**SECTION VIII – PROTECTIVE EQUIPMENT TO BE USED**

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**Respiratory Protection:** Wear approved NIOSH/MSHA approved respirator when TLV is exceeded.

**Ventilation:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain concentrations below TLV (s).

**Protective Gloves:** Wear nitrile/rubber gloves.

**Eye Protection:** Wear safety glasses or goggles in compliance with OSHA regulations (consult your safety equipment supplier).

**Other Protective Equipment:** Normal work clothing covering arms and legs.

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**SECTION IX – SPECIAL PRECAUTIONS**

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**Special Storage Instructions: DO NOT** store in the presence of intense heat, sparks, or flame. Store away from strong oxidizing agents.

Empty containers of this product may contain product residue. All hazard precautions given by this MSDS should be observed. Exposure of product to extreme heat may cause container to rupture.

The information provided herein is believed to be accurate to the best of the company's knowledge as of the date of its issue. We do not warrant or guarantee the information provided and will not be held liable for any loss or damage from its use.

**Prepared By:** Sharon L. Haiser  
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