

MATERIAL SAFETY DATA SHEET

This MSDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)
This material safety data sheet conforms to the requirements of ANSI Z400.1

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SS1047 – SpectraSol 1047

Manufacturer/Supplier:

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

Emergency Spill Information:

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

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Component

CAS#

Range % by wt.

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

SECTION 3 – HAZARDS IDENTIFICATION

Emergency Overview: This product has been evaluated and does not require any hazard warning on the label under OSHA criteria.

Potential Health Effects:

Eye Contact: May cause irritation and redness.

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

Inhalation: 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.

Ingestion: May cause stomach discomfort, nausea, and diarrhea.

HMIS Code: (Health:3) (Flammability:0) (Reactivity:0) (Protection: C)

NFPA Code: (Health:3) (Flammability:0) (Reactivity:0)

SECTION 4 – FIRST AID MEASURES

Eye: 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.

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

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

Primary Routes of Entry: Breathing mists by inhalation or ingestion.

Effects of Chronic Overexposure: Dizziness, nausea, and headaches. Eye and skin irritation if prolonged or repeated contact.

TLV Value: 5 mg/m³ as oil mist.

SECTION 5 – FIRE FIGHTING MEASURES

Flashpoint: Method: C.O.C.

UEL: Not determined.

LEL: Not determined.

Autoignition Temperature: °F.

Flammability Classification: Not Flammable.

Extinguishing Media: Agents approved for Class B (e.g., dry chemical, carbon dioxide, foam, steam) or water fog.

Unusual Fire and Explosion Hazards: Keep away from extreme heat or open flames.

Fire Fighting Equipment: Fire fighters should wear an approved self-contained breathing apparatus. As with petroleum oils, maintain oil from spreading.

Hazardous Combustion Products: Incomplete combustion results in oxides of sulfur and carbon.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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.

SECTION 7 – HANDLING AND STORAGE

Handling: No special requirements if handled with reasonable care.

Storage: Do not store in high temperature areas or where subject to open flames.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Skin: Wear nitrile/rubber gloves.

Inhalation: Wear approved NIOSH/MSHA approved respirator when TLV is exceeded.

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

Other Protective Equipment: Standard work clothes, shoes, apron, etc.

SECTION 9 – CHEMICAL AND PHYSICAL PROPERTIES

Appearance and Odor	: Amber liquid
pH	: Not Applicable
Vapor Pressure	: Not Determined
Vapor Density	: Not Determined
Boiling Point	: Not Applicable
Melting Point	: Not Applicable
Solubility	: Emulsifies in water
Specific Gravity	: 0.93
Evaporation Rate	: Not Determined
Percent Volatiles	: 0%

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Extreme heat.

Materials to Avoid: Avoid chlorine, fluorine, and other strong oxidizers.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological testing has not been conducted on this product.

SECTION 12 – ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

SECTION 13 – DISPOSAL INFORMATION

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

SECTION 14 – TRANSPORTATION INFORMATION

U.S. Dept. of Transportation

Shipping Name: not regulated

Hazard Class:

Identification number:

SECTION 15 – REGULATORY INFORMATION

All components of this product are on the U.S. TSCA inventory.

Superfund Amendments and Reauthorization Act of 1986 Title 111(Emergency Planning and Community Rights to Know Act) section 313: To the best of our Knowledge this product does not contain chemicals at levels which require reporting under this statute.

Sections 311 and 312**Delayed(Chronic) Health Hazard :YES****Fire Hazard :YES****Immediate(Acute) Health Hazard :YES****Reactive Hazard :Check Section 10.****Sudden Release of Pressure Hazard :NO**

SECTION 16 – SPECIAL PRECAUTIONS

Keep containers closed until ready for use. Keep out of the reach of children! Store away from open flames and strong oxidizers

Prepared By: Mark D. Latunski**Date Revised:** 05/01/2009**Supersedes:** 08/11/2008**Date Prepared:** 05/24/1991

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.