

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

AW46 – AW-46

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

| <u>Component</u> | <u>CAS#</u> | <u>Range % by wt.</u> |
|--|--------------|-----------------------|
| Petroleum Oil | Not assigned | 100% |
| OSHA PEL/ACGIH TLV: 5 mg/m ³ (mist) | | |
| ACGIH STEL: 10 mg/m ³ | | |

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: Prolonged or repeated contact may cause eye irritation.

Skin Contact: Prolonged or repeated contact may cause skin irritation.

Inhalation: No significant health hazards identified.

Ingestion: Essentially non-toxic.

HMIS Code: (Health:1) (Flammability:1) (Reactivity:0) (Protection:)

NFPA Code: (Health:1) (Flammability:1) (Reactivity:0)

SECTION 4 – FIRST AID MEASURES

Eye: Immediately flush eyes with water for 15 minutes. If irritation continues consult a physician.

Skin: Immediately wash skin with soap and plenty of water. If irritation develops, consult a physician.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: DO NOT induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician.

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

SECTION 5 – FIRE FIGHTING MEASURES

Flashpoint: 250 – 300 °F **Method:** C.O.C.

UEL: Not determined.

LEL: Not determined.

Autoignition Temperature: Not determined.

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. Water or foam may cause frothing.

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 carbon.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to be taken in Case Material is Released or Spilled: Contain spill immediately in the smallest possible area. Recover as much of the product as possible by shovel, vacuuming or other mechanical means. Non-recoverable product, contained soil, debris, and other materials should be placed in proper containers for ultimate disposal. Avoid washing, draining or directing material to storm or sanitary sewers.

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. Store inside away from extreme temperatures. Empty drums may contain product residues. All safety precautions taken when handling this product should also be taken when handling empty drums.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye: Chemical safety goggles.

Skin: Wear impermeable gloves if prolonged or repeated contact is likely.

Inhalation: Use NIOSH/MSHA approved equipment when TLV limits are exceeded.

Engineering Controls: Control airborne concentrations below the exposure guidelines with normal shop ventilation.

Other Protective Equipment: None normally required.

SECTION 9 – CHEMICAL AND PHYSICAL PROPERTIES

| | |
|---------------------|---|
| Appearance and Odor | : Pale Yellow liquid with mild hydrocarbon odor |
| pH | : Not Applicable |
| Vapor Pressure | : NIL |
| Vapor Density | : 1 (air = 1) |
| Boiling Point | : Not determined |
| Melting Point | : Not determined |
| Solubility in water | : Negligible |
| Specific Gravity | : 0.87 @ 60 °F |
| Evaporation Rate | : NIL |
| Percent Volatiles | : NIL |

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Extreme heat.

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

Hazardous Decomposition: None identified.

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

Recycle as much of the recoverable product as possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

U.S. Dept. of Transportation

Shipping Name: Not regulated

Hazard Class: None

Identification number: None

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 : | NO |
| Fire Hazard : | NO |
| Immediate(Acute) Health Hazard : | NO |
| 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:** 03/08/2011**Supersedes:** 02/02/2011**Date Prepared:** 06/19/1990

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.