

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

TL103LO – TrimLube 103 LO

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>
C9-C12 alkylated Petroleum Naphtha	64741-65-7	90% - 100%
OSHA PEL TWA 100 ppm		
OSHA PEL STEL 100 ppm		
ACGIH TLV TWA 100 ppm		
ACGIH TLV STEL 100 ppm		

SECTION 3 – HAZARDS IDENTIFICATION

Emergency Overview: Physical appearance: clear, odorless liquid. Immediate concerns: caution! May cause eye and skin irritation.

Potential Health Effects:

Eye Contact: May cause moderate burning, tearing, redness, and swelling..

Skin Contact: May cause moderate to severe skin irritation. Contact may cause redness and burning of the skin. Prolonged or repeated contact may cause drying and cracking of the skin, burns, and dermatitis.

Inhalation: Vapors may be mildly irritating to lungs. Overexposure may result in dizziness, headache, excitation, central nervous system depression.

Ingestion: May cause significant irritation to the digestive tract. May affect the central nervous system and/or aggravate pre-existing disorders.

HMIS Code: (Health:1) (Flammability:2) (Reactivity:0) (Protection: X)

NFPA Code: (Health:0) (Flammability:2) (Reactivity:0)

SECTION 4 – FIRST AID MEASURES

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

Skin: Remove contaminated clothing including shoes and immediately wash affected area with plenty of soap and water. Seek medical attention. Wash contaminated clothing and shoes before re-use.

Inhalation: Remove victim from area of exposure. If unconscious, give oxygen. Give artificial respiration if not breathing. Get immediate medical attention.

Ingestion: DO NOT induce vomiting. Danger from aspirating into lungs exceeds short term toxic effects. Get immediate medical help.

Primary Routes of Entry: Absorption, inhalation, ingestion.

Effects of Chronic Overexposure: Reports have associated repeated overexposure and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as Solvent or Painter's Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

SECTION 5 – FIRE FIGHTING MEASURES

Flashpoint: 125°F **Method:** TAG CC

UEL: 6.0

LEL: 1.0

Autoignition Temperature: 680°F.

Flammability Classification: NFPA Class II - Combustible. DOT Class III (3) Flammable.

Extinguishing Media: Use dry chemical, foam, or carbon dioxide.

Unusual Fire and Explosion Hazards: Vapor accumulations may flash and/or explode if ignited. Keep ignition sources, open flames, etc. away from these fumes.

Fire Fighting Equipment: Proper respiratory equipment to protect against the hazardous effects of combustion products is recommended. Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only.

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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spill: Extinguish possible sources of ignition. Evacuate all unprotected personnel and ventilate area. Only personnel with proper respiratory, skin/eye protection should enter spill area. Dike area to contain spill and clean up by absorbing on an inert absorbent or other means. Do not flush into sewers or natural waterways.

Large Spill: Contain material as described above and call the local fire or police department for immediate emergency assistance.

Activate procedures of your “**Oil or Hazardous Substance Contingency Plan**” if threat to any surface water and report to proper authorities. Transportation, storage, and disposal must be in full compliance with state, local, and federal regulations.

SECTION 7 – HANDLING AND STORAGE

Handling: Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel or container to another. This material can accumulate static charge by flow or agitation. Vapors can be ignited by static discharge. Use explosion proof equipment as directed by local fire codes.

Storage: Store unopened containers under cool, dry and ventilated conditions. Keep away from heat, sparks, and flame.

Storage Temperature: Ambient.

Shelf Life: The shelf life of this product is undetermined, but may become suspect one year from the date of purchase.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye: Wear safety glasses with side shields or goggles when handling this material.

Skin: To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots, or whole body suit, as appropriate.

Inhalation: Use NIOSH/MSHA approved respirators when vapors or mist concentrations exceed permissible exposure limits.

Engineering Controls: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure guidelines, additional ventilation of exhaust may be required. Where explosive mixtures may be present, electrical systems safe for such locations must be used.

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

SECTION 9 – CHEMICAL AND PHYSICAL PROPERTIES

Appearance and Odor : Clear Colorless Odorless Liquid

pH : Not Applicable

Vapor Pressure : 1.2 mmHg

Vapor Density : 5.2 (air=1)

Boiling Point : (346°F) to (406°F)

Melting Point	: Not determined.
Solubility in water	: Negligible.
Specific Gravity	: 0.760 15.5°C/15.5°C
Density	: 6.34
Evaporation Rate	: 0.17 (n-Butyl Acetate=1)
Percent Volatiles	: 100%

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Exposure to excessive heat, open flames and sparks. Avoid conditions that favor the formation of excessive mists and/or fumes.

Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition: Oxides of carbon when burned.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

No definitive information on carcinogenicity, target organs, or chronic toxicity.

SECTION 12 – ECOLOGICAL INFORMATION

Environmental data: Keep out of surface waters, sewers, and waterways entering or leading to surface waters. Notify authorities if any exposure to the general public or environment occurs or is likely to occur.

SECTION 13 – DISPOSAL INFORMATION

Disposal method: Conditions of use may cause this material to become a hazardous waste as defined by state or federal laws. Use approved treatment, transporters, and disposal sites.

Keep containers closed when not in use. Do not re-use empty containers.

SECTION 14 – TRANSPORTATION INFORMATION

U.S. Dept. of Transportation

Shipping Name: Odorless Mineral Spirits
Hazard Class: 3
UN/NA Identification number: 1268
Packing Group: III
Label: Flammable Liquid

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 :YES

Immediate(Acute) Health Hazard :YES

Reactive Hazard :Check Section 10.

Sudden Release of Pressure Hazard :NO

California Proposition 65: This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5):
Component effect Benzene Cancer Toluene Developmental Toxicant.

SECTION 16 – SPECIAL PRECAUTIONS

Caution! An NFPA/OSHA Class II Combustible Liquid. An acute overexposure to vapors or mists from this product may cause headaches, dizziness, nausea, and fatigue. Prolonged or repeated skin contact can defat and cause dermatitis. Avoid breathing vapors and contact with eyes or skin.

Prepared By: Mark D. Latunski

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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.