

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

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

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

SECTION I - PRODUCT IDENTIFICATION

Product Name: WayLube 220
Generic ID: Petroleum Lubricating Oil
DOT Hazard Classification: Not Applicable

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

| COMPONENTS | CAS NUMBER | APPROXIMATE CONCENTRATION |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------|
| 1. Distillates (petroleum), solvent-dewaxed heavy paraffinic and Distillates (petroleum), hydrotreated Heavy paraffinic and Residual oils (petroleum), hydrotreated Or Residual oils (petroleum), solvent dewaxed and Distillates (petroleum), solvent-refined heavy paraffinic. | 64742-65-0 64742-54-7 64742-57-0 64742-62-7 64741-88-4 | Approx. 97% |
| 2. Proprietary additives | Mixture | Approx. 3% |

SECTION III - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Prolonged or repeated skin contact may cause skin irritation.

PRIMARY ROUTES OF ENTRY: Skin absorption, skin contact, eye contact.

NFPA and HMIS RATINGS- Health: 1 Flammability: 1 Reactivity: 0
Personal Protection: C

SECTION IV - FIRST AID MEASURES

Eye Contact: Flush with large amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin Contact: Wash thoroughly with water for 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of the injury.

Inhalation: Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.

SECTION V - FIRE FIGHTING MEASURES

Flash Point: 221°C (430°F) C.O.C.
Auto-ignition Temperature: >260°C (500°F)
Explosive Limit (approx.% by volume in air): Lower-0.9% Upper-7%

Extinguishing Media and Fire-Fighting Procedures: Use water spray(fog), dry chemical, carbon dioxide to extinguish the fire. Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Decomposition Products under Fire Conditions: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released or Spilled: Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

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

SECTION VII - HANDLING AND STORAGE

Handling: Use product with caution around heat, sparks, pilot lights, static electricity and open flames. “Empty” containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT pressure, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame sparks, static electricity or other sources of ignition. They may explode and cause injury or death. Do not attempt to refill or clean containers since residue is difficult to remove. “empty” drums should be completely drained, properly bunged and promptly returned to a drum re-conditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

For work on tanks refer to Occupations Safety and Health Administration regulations, ANSI Z49.1 and other governmental and industrial references pertaining to cleaning, repairing, welding or other contemplated operations.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand Protection: Chemical resistant gloves, if needed, to avoid prolonged contact.

Respiratory Protection: None required under normal conditions.

Skin Protection: Appropriate clothing/apron to prevent prolonged contact with skin.

Eye Protection: Chemical safety goggles or glasses with side shields.

Other Protective Equipment: Wear impervious clothing and boots to prevent prolonged or repeated contact.

Hygienic Practices: Remove and wash contaminated clothing before reuse. Wash hands before eating. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

Ventilation: Local exhaust.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range: Approx. 291° C (556° F) ASTM D2887
Specific Gravity: 0.89 **Viscosity:** 220cSt @ 100°F
Odor: Mild, Bland **pH @ 5%:** Essentially neutral
Appearance: Clear, Amber liquid **Evaporation Rate:** less than 0.1%
Solubility in water: Negligible **Vapor Density (Air=1):** >5
Vapor Pressure: Less than 0.01mmHg@20°C
Pour, Congealing or Melting Point (ASTM D 5949): -17°C (1°F)
Percent Volatile by Volume: Negligible from open container in 4 hours @ 38°C(100°F)

SECTION X - STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.
Incompatibility: This product is stable and will not react violently with water. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc. as this presents a serious explosion hazard.

SECTION XI: TOXICOLOGICAL INFORMATION

NAME OF PREPARER: Sharon L. Haiser
DATE PREPARED: 11/01/00
REVISION DATE:
SUPERSEDES:

A.C.T., Inc. believes the data set forth herein are accurate as of the date hereof. We make no warranty with respect thereto and expressly disclaim all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.