

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072



IDENTITY (As Used on Label and List)
TURBINE OIL

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name ARMITE LABORATORIES	Emergency Telephone Number CHEM-TEL INC. (800) 225-3924
Address (Number, Street, City, State, and ZIP Code) 1560 SUPERIOR AVE. A-4	Telephone Number for Information 949-646-9035
COSTA MESA, CA 92627	Date Prepared 07-14-03
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
TURBINE OIL CAS NO: 64742-54-7		6.00 MG/M3		

Section III — Physical/Chemical Characteristics

Boiling Point ABOVE 600°F (316°C)		Specific Gravity (H ₂ O = 1)	0.88
Vapor Pressure (mm Hg.)	N/A	Melting Point	
Vapor Density (AIR = 1) HEAVIER THAN AIR		Evaporation Rate (Butyl Acetate = 1)	SLOWER THAN ETHER
Solubility in Water NEGLECTIBLE			
Appearance and Odor CLEAR, YELLOW		ODOR: CHARACTERISTIC	

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 388, COC F 188 C	Flammable Limits N/A	LEL	UEL
Extinguishing Media EXTINGULISH WITH DRY CHEMICAL, CO₂, WATER SPRAY, FOAM, SAND OR EARTH WATER AND FOAM MAY CAUSE FROTHING.			
Special Fire Fighting Procedures WATER SPRAY MAY BE USEFUL, IN MINIMIZING VAPORS AND COOLING CONTAINERS EXPOSED TO HEAR AND FLAME. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING.			
PURPOSES. MOVE UNDAMAGED CONTAINERS FROM FIRE AREA IF YOU CAN DO SO WITHOUT RISK.			
Unusual Fire and Explosion Hazards THIS MATERIAL WILL BURN, BUT WILL NOT IGNITE READILY.			

TURBINE OIL COND

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid AVOID CONTACT WITH ANY SOURCE OF IGNITION
	Stable	XX	

Incompatibility (Materials to Avoid) **AVOID CONTACT WITH STRONG OXIDIZING AGENTS. EXTENDED EXPOSURE TO HIGH TEMPERATURES MAY CAUSE DECOMPOSITION.**
 Hazardous Decomposition or Byproducts **THERMAL DECOMPOSITION IN THE PRESENCE OF AIR MAY YIELD MAJOR AMOUNT OXIDES OF CARBON & MINOR AMOUNTS OF OXIDES OF SULFUR & NITROGEN.**

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	XX	

Section VI — Health Hazard Data

Route(s) of Entry: ^{Inhalation?} **BREATHING** ^{Skin?} **IRRITATION** ^{Ingestion?} **SWALLOWING**

Health Hazards (Acute and Chronic)
INHALATION: MAY CAUSE IRRITATION TO NOSE, THROAT. SKIN: MAY CAUSE RED SKIN IRRITATION.
INGESTION: MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.

Carcinogenicity: **N/A** NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure **ACUTE SITUATION ONLY AS ABOVE**

Medical Conditions Generally Aggravated by Exposure **N/A**

Emergency and First Aid Procedures
EYES: FLUSH WITH CLEAN WATER WASH WELL - SKIN: REMOVE BY WASHING WELL WITH SOAP & WATER
INHALATION: MOVE TO CLEAN AIR. INGESTION: DO NOT INDUCE VOMITING.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled **COLLECT LEAKING LIQUID IN SEALABLE CONTAINERS. ABSORB SPILLED LIQUID IN SAND OR INERT ABSORBANT. CONTACT FIRE AUTHORITIES & APPROPRIATE STATE/LOCAL AGENCIES. IF SPILL OF ANY AMOUNT IS MADE INTO OR UPON U.S. NAVIGABLE WATERS. THE CONTIGUOUS ZONE OR ADJOINING SHORELINES, NOTIFY COAST GUARD NATIONAL RESPONSE CENTER**

Waste Disposal Method **DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE, AND FEDERAL REGULATIONS.**

Precautions to Be Taken in Handling and Storing **STORE IN A COOL, DRY LOCATION. KEEP AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION V) AVOID GENERATING OIL MISTS WHILE HANDLING. AVOID PROLONGED OR REPEATED SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. DO NOT WEAR OIL-SOAKED CLOTHING OR SHOES**

Other Precautions **LAUNDRY SATURATED CLOTHING BEFORE WEARING. AVOID GENERATING OIL MISTS WHILE HANDLING. USE GOOD PERSONAL HYGIENE PRACTICE.**

Section VIII — Control Measures

Respiratory Protection (Specify Type) **IF AIRBORNE CONCENTRATIONS EXCEED RECOMMENDED EXPOSURE LIMITS, A SUITABLE FILTER-TYPE RESPIRATOR SHOULD BE WORN.**

Ventilation	Local Exhaust		Special
	Mechanical (General)		Other

Protective Gloves **THE USE OF GLOVES IMPERABLE TO SPECIFIC MATERIAL IS ADVISED** Eye Protection **CHEMICAL GOGGLES ARE RECOMMENDED TO SAFEGUARD AGAINST CONTACT, IRRITATION OR INJURY.**

Other Protective Clothing or Equipment **IT IS RECOMMENDED THAT SINK AND EYE WASH BE AVAILABLE IN WORK AREA**
BARRIER CREAMS FOR OIL-BASED MATERIALS IS RECOMMENDED, WHEN GLOVES ARE IMPRACTICAL.

Work/Hygienic Practices **NORMAL HYGIENIC PRACTICE**