

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT NAME AND COMPANY IDENTIFICATION

PRODUCT NAME: Turbine All Purpose Oil / 2002 Oil **PRODUCT USE:** Lubricant
Manufacture/Supplier: Armite Laboratories Inc.
1560 Superior Ave **Phone:** (949) 646-9035
Costa Mesa, CA 92627 **Fax:** (949) 646-8319
EMERGENCY: Chem-Tel Inc. (800) 255-3924 **Prepared By:** Armite Laboratories
Last Revision Date: February 05, 2005

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific)	CAS Number.	OSHA PEL/TWA	ACGIH
Turbo T Oil 32 (Turbine Oil) Hydrotreated Heavy Paraffinic Distillate	64742-54-7	5 mg/m ³ *	5 mg/m ³ * TVL/TWA 10 mg/m ³ * TVL/STEL
		*Oil Mist,	Mineral

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry: Eyes, Ingestion, Skin, Inhalation
Eyes: May cause irritation.
Ingestion: Product is presumed to be no more than slightly toxic if ingested, based on similar products tested.
Skin: May cause possible rash for persons with hypersensitivity.
Inhalation: The inhalation of vapor or oil mist may irritate upper respiratory tract (generated at high temps only).

SECTION 4 – FIRST AID MEASURES

Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help.
Ingestion: Do not induce vomiting. Contact a physician for medical advice.
Skin: Remove excess by wiping followed by washing with soap and water or waterless hand cleaner.
Inhalation: Remove person to fresh air. Seek medical attention if difficulty in breathing.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability: Not Available
Extinguishing Media: Foam, CO₂, Dry Chemical, Water Fog. Do not use direct stream of water, product will float and can re-ignite on surface of water.
Flash Point: (COC): 450° F
Explosive Properties: None Identified
Hazardous Combustion Products: None Identified
Special Fire Fighting Procedures: Material will not burn unless preheated. Do not enter confined fire space without full bunker gear including SCBA and full-face helmet. Cool fire exposed containers with water.

SECTION 6 – ACCIDENTAL RELEASURE MEASURES

Spillage: Scoop up excess, wipe down affected area and pick up residue with clay, pumice, etc., to avoid walking hazard.
Environmental Precautions: Do not allow to enter waterways, sewers or drains.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures: No special handling precautions necessary.
Storage Requirements: Normal storage -prefer under 125°F.
Engineering Controls: None Identified

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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required.

Hand Protection: Protective gloves for hypersensitive persons.

Eye Protection: Protective glasses if applied to moving parts.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Dark Yellow Oil	Odor: Slight Hydrocarbon Odor	Vapor Pressure: <0.1 mmHg 12
Specific Gravity: 0.8735 (H ₂ O=1)	Odor Threshold: Not Determined	Vapor Density: Not Determined (Air=1)
VOC: Not Available	pH: Not Available	Solubility in Water: Negligible
Boiling Point: Not available	Density: Not Available	Viscosity: 30-34 (cs@104°F)
Melting Point: Not available	Evaporation Rate	
Freezing Point: Not Available	(Butyl Acetate + 1.0): Not available	

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Heat, open flames and oxidizing materials

Materials to Avoid: Strong Oxidizers can cause lead to react & liberate Hydrogen Gas.

Hazardous Decomposition Products: Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulates and gases will evolve when this material undergoes pyrolysis or combustion. Carbon Monoxide and other unidentified organic compounds may be formed upon combustion.

Hazardous Polymerization: Will not occur

SECTION 11 – TOXICOLOGY INFORMATION

Exposure Limit of Material: See Section 2

Teratogenicity, Embryotoxicity and/or Fetotoxicity: Not Available

Mutagenicity: Not Available

Effects of Long-Term (Chronic) Exposure: Not known

Carcinogenicity: None NTP: N/A IARC: N/A OSHA: N/A

SECTION 12 – ECOLOGICAL INFORMATION

Possible Effects: May generate oil fractions that could act as a marine pollutant in extreme cases, but is highly unlikely.

Behavior: Relatively well behaved. Bio accumulation potential nil.

Environmental Fate: Highly unlikely to cause widespread contamination.

SECTION 13 – DISPOSAL CONSIDERATION

Consult federal, state and local regulations for disposal of petroleum products.

SECTION 14 – TRANSPORTATION INFORMATION

IMDG Classification: This product is not regulated by IMDG.

ICAO Classification: This product is not regulated by the ICAO.

Land and Rail: Not Regulated DOT regulations: Not Regulated

CLASS UN PG PLACARDS: None

SECTION 15 – REGULATORY INFORMATION

The components of this product are listed on the EPA/TSCA Inventory of Chemical Substances. Protection of Stratospheric ozone (sec. 611 of Clean Air Amendments of 1990), This product does not contain nor was it directly manufactured with any Class I or Class II ozone depleting substances.

SECTION 16 – OTHER INFORMATION

Do not reuse containers. Keep out of each of children.

This M.S.D.S and the information it contains is offered to you in good faith as accurate. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents.