



Safety Data Sheet

Conforms to HCS 2012 (29 CFR 1910.1200)

Section 1. Identification

Product Name: Tribodyne Full Synthetic MV-ATF
Chemical Name: Synthetic Automatic Transmission Fluid
Chemical Family: Lubricant, Petroleum hydrocarbon
Product Use: Primarily Intended for Automatic Transmissions

Manufacturer: Tribodyne Performance Lubricants
109 Summerville Drive
Mooresville, NC 28115

Emergency Telephone Number(s): 1-859-750-6299

Information: 1-859-750-6299 Between: 8am-5pm EST M-F

Section 2. Hazards Identification

This material is not considered hazardous by OSHA Hazard Communication Standard 29 CFR 1910.1200

Classification of the substance or mixture

Not Classified.

GHS label elements

Signal word No Signal Word Not Hazardous
Hazard Statements No known significant effects or critical hazards

Precautionary statements

General Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention P273 Avoid release into the environment.

Response P391 Collect Spillage

Storage Not Applicable

Disposal P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

Other Hazards

The mixture consists of substances capable of producing an aspiration hazard. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure, and even death.

Unknown Acute Toxicity(US)

20.73 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

Section 3. Composition/Information on Ingredients

Petroleum mineral oil lubricant base stock with proprietary performance additives mixture.

Wt. Percent	Component	Synonym	CAS#
0 - 97	Hydrotreated Distillate, Heavy Paraffin C20-50	Highly Refined Synthetic	64742-54-7
0 - 97	Hydrotreated Distillate, Light Paraffin C15-30	Highly Refined Synthetic	64742-55-8
0.4 -0.9	Base Oil Phosphorodithioic acid, O, O-di-C1-14-alkyl esters, zinc salts		68649-3

This product does not contain known hazardous materials at the $\geq 1\%$ level or known carcinogens at the $\geq 0.1\%$ level as defined by 29 CFR 1910.1200.

**The exact percentage of composition has been withheld as a trade secret.

Section 4. First Aid Measures

INHALATION: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

EYE CONTACT: If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, flush with water for at least 15 minutes. If irritation persists, obtain medical assistance.

SKIN CONTACT: Remove affected clothing and shoes. Wash with soap and water until no odor remains. Get medical attention if irritation or pain develops or persists. If product is injected under pressure into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, a physician should immediately evaluate the individual as a medical emergency. Wash clothing before reuse.

INGESTION: Do NOT induce vomiting. Immediately get medical attention. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything to an unconscious person by mouth.

NOTE TO PHYSICIANS: Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident.

Section 5. Fire-Fighting Measures

Suitable extinguishing media:

Use dry chemical, CO₂, water spray (FOG) or foam.

Unsuitable Extinguishing Media

Avoid solid water stream as it may scatter and spread fire.

Specific Hazards Arising from Chemical

Elevated temperatures can lead to the formation of irritating fumes and vapors. Decomposing products may include the following materials. Carbon dioxide and Carbon monoxide.

Protective Equipment and Precautions for Firefighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

Section 6. Accidental Release Measures

Personal Precautions

Put on appropriate personal protective equipment.

Environmental Precautions

Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Method for containment

Stop leak if without risk.

Methods for Cleanup

Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled container.

NOTE: If RQ (Reportable Quantity) is exceeded or if spills enter a body of water, report immediately to the USEPA's National Response Center at (800) 424-8802. Check with your local and state regulators regarding their reporting requirements.

Section 7. Handling and Storage

Precautions for Safe Handling: Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Practice good housekeeping as spillage can be slippery on smooth surfaces wither wet or dry. Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.

Precautions for Safe Storage: Comply with applicable regulations. Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low

temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES: COMPONENT

EXPOSURE LIMITS Hydrotreated Distillate,

Heavy Paraffin C20-50

ACGIH: 5mg/m³ TWA (sampled by method that does not collect vapor) (related to Oil mist, mineral)

10 mg/m³ STEL (sampled by method that does not collect vapor) (related to Oil mist, mineral) OSHA: 5mg/m³
TWA (related to Oil Mist, mineral)

Hydrotreated Distillate, Light Paraffin C15-30

ACGIH 5mg/m³ TWA (sampled by method that does not collect vapor) (related to Oil mist, mineral)

10 mg/m³ STEL (sampled by method that does not collect vapor) (related to Oil mist, mineral)

OSHA: 5mg/m³ TWA (related to Oil Mist, mineral)

Mineral Oil

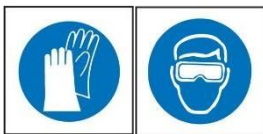
ACGIH: 5mg/m³ TWA (sampled by method that does not collect vapor) (related to Oil mist, mineral)

10 mg/m³ STEL (sampled by method that does not collect vapor) (related to Oil mist, mineral) OSHA Final: 5mg/m³ TWA (related to Oil Mist, mineral)

Exposure Controls

Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personnel Protective Equipment: Protective goggles, Gloves



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental Exposure: Do not allow the product to be released into the environment. **Consumer**

Exposure: Do not eat, drink or smoke during use.

OTHER: Where spills and splashes are likely, facilities storing or using these products should be equipped with emergency eyewash and shower, both equipped with clean water, in the immediate work area.

Section 9. Physical and Chemical Properties

Attention: Data represents typical or target values and are not intended to be specifications.

APPEARANCE/ODOR: RED FLUID/PETROLEUM ODOR.

BOILING POINT: N/A

VAPOR PRESSURE: LESS THAN 0.1 KPA @104° F (40° C)

MELTING POINT: N/A

MOLECULAR WEIGHT: N/A

PACKING DENSITY: N/A

SOLUBILITY IN WATER: INSOLUBLE

OCTANOL/WATER COEFF: N.D.

EVAPORATION RATE: N/A

ODOR THRESHOLD: N/A

RELATIVE DENSITY: 0.875 g/cm³ AT 60° F (15.5° C)

VAPOR DENSITY: >1 (AIR=1)

SPECIFIC GRAVITY: 0.875 (ESTIMATED) (WATER=1) (APPROXIMATELY)

AUTOIGNITION TEMPERATURE: N/A

pH: N/A

FLASH POINT: 329° F (165° C) (MINIMUM) (CLEVELANT OPEN CUP)

FLAMMABLE LIMITS IN AIR: LOWER: N/A U P P E R : N/A

FLAMMABILITY: N/A

Section 10. Stability and Reactivity

STABILITY: Stable under normal temperatures and pressures.

INCOMPATIBLE MATERIALS: Avoid oxidizing agents and reducing agents.

REACTIVITY: Polymerization is not known to occur under normal temperatures and pressures. Not reactive in water.

HAZARDOUS DECOMPOSITION: None under normal temperatures and pressures.

Section 11. Toxicological Information

Acute Toxicity: Not Classified

LD50 and LC50 Data: Not Available

Skin Corrosion/Irritation: Not Classified

Eye Damage/Irritation: Not Classified

Respiratory or Skin Sensitization: Not Classified

Germ Cell Mutagenicity: Not Classified

Teratogenicity: Not Classified

Carcinogenicity: Not Classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Over exposure may be irritating to the respiratory system.

Symptoms/Injuries After Skin Contact: Repeated or prolonged skin contact may cause irritation.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse gastrointestinal effects.

Chronic Symptoms: Not Classified

TOXICITY DATA:

Component Analysis – LD50/LC50

Hydrotreated Distillate, Heavy Paraffin C20-50

Oral LD50>5 g/kg

Dermal LD50>2 g/kg

Inhalation LC50>5 mg/L

Hydrotreated Distillate, Light Paraffin C15-30

Oral LD50>5 g/kg Dermal

LD50>2 g/kg Inhalation

LC50>5 mg/L

Mineral Oil

Dermal LD50 Rabbit >5000 mg/kg

Oral LD50 Rat >5000 mg/kg

Phosphorodithioic acid, O, O-di-C1-14-alkyl esters, zinc salts (68649-3) Dermal LD50 Rat >2000 mg.kg Oral LD50 Rat >2000 mg/kg

Section 12. Ecological Information

ECOTOXICITY - Material may be harmful to aquatic organisms. May cause long term adverse effects in aquatic environments.

PERSISTENCE/DEGRADABILITY – Not readily biodegradable.

BIOACCUMULATIVE POTENTIAL - No information available for this product.

MOBILITY IN ENVIRONMENT – Base oil component(s) – Low solubility and floats; expected to migrate from water to land.

OTHER ADVERSE EFFECTS – N/A

OCTANOL/WATER PARTITION COEFFICIENT – N/A

VOLATILE ORGANIC COMPOUNDS – Negligible

AQUATIC RELEASE - Advise authorities if product has entered or may enter watercourses or sewer drains.

Section 13. Disposal Considerations

DISPOSAL: Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste.

USEPA WASTE CODES; This product, if discarded, is not expected to be a characteristic or listed hazardous waste. If recycled in the USA, it must be managed in accordance with 40 CFR Part 279.

Processing, use, or contamination by user may change the waste code(s) applicable to the disposal of this product.

Section 14. Transport Information

DOT

PROPER SHIPPING NAME: Petroleum Lubricating Oil
HAZARD CLASS: Not regulated
ID NUMBER: Not regulated
LABEL REQUIRED: Not regulated
EMERGENCY RESPONSE GUIDE NUMBER: N/A Reference North American Emergency Response Guidebook.
IATA: Not regulated

Section 15. Regulatory Information

U.S. Federal Regulations

SARA 311/312 Hazard Class Delayed (chronic) health hazard

US State Regulations

Paraffin oils (8012-95-1)

Massachusetts – Right to Know List

New Jersey – Right to Know Hazardous Substance List

Pennsylvania – Right to Know List

Canadian Regulations

WHMIS Classification Not Classified

Phosphorodithioic acid, O, O-di-C1-14-alkyl esters, zinc salts (68649-3) Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B-Toxic material causing other toxic effects.

Paraffin oils (8012-95-1)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List) – Concentration 1%

WHMIS Classification Class D Division 2 Subdivision A-Very toxic material causing other toxic effects.

Petroleum distillates, solvent dewaxed (64742-65-0)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Uncontrolled product according to WHIS classification criteria

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Uncontrolled product according to WHIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by CPR.

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA: This material, as supplied, does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

International Chemical Inventories:

All components comply with the following chemical inventory requirements: ACIS (Australia), DSL (Canada) EINECS (European Union), IECSC (China), KECI (Korea), PICCS (Philippines).

Section 16. Other Information

DATE ISSUED: April 29, 2017
SUPERSEDES: December 26, 2016
REVISION NO. 1
REVISION INFORMATION: GHS Compliance

NFPA Rating:	Health Hazard – 0	Flammability – 1	Instability/Reactivity – 0
HMIS Rating:	Health Hazard – 0	Flammability – 1	Physical Hazards – 0

(NFPA & HMIS Hazard Rating Key: 0 - Minimum Hazard; 1 - Slight Hazard; 2 - Moderate Hazard; 3 - High Hazard; 4 - Extreme Hazard; * - Chronic Hazard Indicator, & PPE - Personal Protective Equipment Index A to L. These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS or Hazardous Material Identification System).

Key to abbreviations

OSHA = Occupational Safety and Health Administration
ACGIH = American Conference of Industrial Hygienists ATE
= Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS Number = Chemical Abstracts Service Registry Number cSt =
Centistokes (mm²/s)
GHS = Globally Harmonized System of Classification and
Labeling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container IMDG = International Maritime
Dangerous Goods

Log Pow = logarithm of the octanol/water partition coefficient OEL
= Occupational Exposure Limit
SDS = Safety Data Sheet
STEL = Short term exposure limit TWA = Time weighted average UN =
United Nations
UN Number = United Nations Number, a four digit number assigned by the
United Nations Committee of Experts on the Transport of Dangerous Goods.

Consumer Product Improvement Act of 2008, General Conformity Certification

For Consumer Product Packages: This product has been evaluated and is certified to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission. Where applicable the products that require Child, Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No testing is required to certify compliance with the provisions. The date of the manufacturing is stamped on the product container.

Disclaimer

All reasonably practicable steps have been taken to ensure the information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This information is furnished upon condition that the person receiving it shall make their own determination of the suitability of the material for their particular purpose.

End of Safety Data Sheet