

# AMSOIL Material Safety Data Sheet

Date Issued/Revised: March 9, 2009  
Supersedes: February 2, 2009

## Section 1: Product and Company Identification

Manufacturer: AMSOIL INC. Telephone:  
925 Tower Avenue CHEMTREC (Spill Emergency Only): 1-800-424-9300  
Superior, WI 54880 Information: 715-392-7101

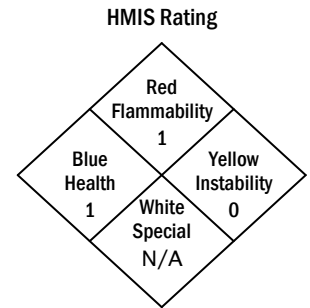
AMSOIL Product Code ..... ATL  
Product Label Name.....Synthetic Automatic Transmission Fluid  
Product Use.....Lubricating Fluid

## Section 2: Composition/Information on Ingredients

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

This product is not formulated to contain ingredients that have exposure limits exceeding those established by US agencies.

\*See Section 8 for exposure limits.



## Section 3: Hazards Identification

POTENTIAL HEALTH EFFECTS:

Eye: Not expected to cause prolonged or significant eye irritation.

Skin: Contact with the skin is not expected to cause prolonged or significant irritation. Contact with the skin is not expected to cause an allergic skin response. Not expected to be harmful to internal organs if absorbed through the skin.

Ingestion: Not expected to be harmful if swallowed.

Inhalation: Not expected to be harmful if inhaled. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. Symptoms of respiratory irritation may include coughing and difficulty breathing

\*See Section 11 for toxicological information.

## Section 4: First Aid Measures

**EYE:** No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.

**SKIN:** No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

**INHALATION:** No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

**INGESTION:** No specific first aid measures are required. DO NOT INDUCE VOMITING. As a precaution, seek medical attention.

## Section 5: Fire Fighting Measures

FLAMMABILITY PROPERTIES: Flash Point ..... 439°F(226°C)  
Method ..... COC ASTM D-92  
LFL/UFL ..... Not Determined  
Auto-ignition Temperature ..... Not Determined

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam and water fog.

SPECIAL PROCEDURES: This material will burn although not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fume, incomplete combustion products, oxides of carbon

**Section 6: Accidental Release Measures**

Isolate spill area. Provide adequate ventilation. Wear appropriate personal protection. Recover free product for recycle and/or disposal. Add sand, earth or other suitable absorbent to spill area. Prevent entry into sewers and waterways. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulator Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spill.

**Section 7: Handling and Storage**

HANDLING: Avoid contaminating soil for release this material into sewage and drainage systems and bodies of water. Prevent small spills and leakage to avoid slip hazard.

**Static Accumulator:** This material is a static accumulator

STORAGE: Keep away from heat or flame. Do not store in unlabeled containers.

**Section 8: Exposure Controls/Personal Protection**

VENTILATION: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

RESPIRATORY: No protection is ordinarily required under normal conditions of use and with adequate ventilation. For high airborne concentrations, use a NIOSH approved respirator when necessary.

SKIN: No special protective clothing is required under normal conditions of use.

EYE: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

**EXPOSURE LIMITS: The Threshold Limit Value (TLV) of 5 mg/m<sup>3</sup> is suggested for oil mist.**

**Section 9: Physical and Chemical Properties**

Physical State .....	Liquid
Fire Point.....	471°F(-244°C)
Pour Point .....	-63°F(-53°C)
Specific Gravity (Water=1).....	0.8403
Density, lb./gal. ....	6.997
VOC .....	Unknown
pH.....	Essentially Neutral
Coefficient of Water/Oil Distribution .....	Not Determined
Odor .....	Mild, Bland, Hydrocarbon Odor
Odor Threshold .....	Not Determined
Appearance.....	Red Transparent Colored Liquid
Viscosity, cSt @ 100°C.....	6.0
Viscosity, cSt @ 40°C.....	29.8

Viscosity Index ..... 153

**Section 10: Stability and Reactivity**

STABILITY: Stable under moderately elevated temperatures and pressures.

CONDITIONS TO AVOID: Excessive heat. High energy sources of ignition

INCOMPATIBILITY: Avoid contact with strong oxidants.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCT: Material does not decompose at ambient temperatures.

**Section 11: Toxicological Information**

**ACUTE EXPOSURE**

Eye Irritation: May cause mild, short-lasting discomfort to eyes. Based on data from components or similar material.

Skin Irritation: Not expected to be a primary skin irritant. Based on data from components or similar material.

Respiratory Irritation: If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract similar to that observed with mineral oil. Based on data from components or similar materials. Under good industrial hygiene practices where all exposure limits are observed, respiratory irritation should not be a problem.

Ingestion: Minimally Toxic. Based on data from components or similar material.

**CHRONIC EXPOSURE**

Chronic Toxicity: No data available to indicate product present at greater than 1.0% are chronic health hazards.

Carcinogenicity: No data available to indicate product present at greater than 0.1% are a carcinogenic hazard.

Mutagenicity: No data available to indicate product present at greater than 1.0% present a mutagenic or genotoxic hazard.

Reproductive Toxicity: No data available to indicate product present at greater than 1.0% present a reproductive hazard.

Teratogenicity: No data available to indicate product present at greater than 1.0% present a teratogenic hazards.

**ADDITIONAL INFORMATION**

Exposure Limits: Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter.

**Section 12: Ecological Information**

Not expected to be harmful to aquatic organism

**Section 13: Disposal Considerations**

Use material for its intended purpose or recycle if possible. Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations.

**Section 14: Transport Information**

This product is not classified as hazardous material for DOT shipping. For further information relative to spills resulting from transportation incidents, refer to the latest DOT Emergency Response Guidebook for Hazardous Materials.

**Section 15: Regulatory Information**

**U.S. Federal Regulations**

- OSHA Table Z ..... Synthetic Base Stock (mist)
- TSCA ..... All Components Listed
- CERCLA 40 CFR 302.4 ..... Not Applicable
- SARA Title III
  - Section 302 Extremely Hazardous ..... Not Applicable
  - Section 311/312
    - Fire Hazard ..... No
    - Reactive Hazard ..... No
    - Release of Pressure ..... No
    - Acute Health Hazard ..... No
    - Chronic Health Hazard ..... No
  - Section 313 Toxic Chemical ..... Not Applicable

**U.S. State Regulations**

- California (Prop 65)
  - Does not contain chemicals known to the state of California to cause cancer.

**International Regulations**

- WHMIS ..... All components listed

**Section 16: Other Information**

The information and recommendations contained herein are, to the best of AMSOIL's knowledge and belief, accurate and reliable as of the date issued. AMSOIL makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and AMSOIL shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with AMSOIL's interpretation of the available data.