

AMSOIL Material Safety Data Sheet

Date Issued/Revised: August 29, 2006
Supersedes: February 22, 2006

UNUSUAL FIRE & EXPLOSION HAZARDS: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Thermal decomposition of product may include toxic oxides of carbon. Overexposure may cause health hazards.

FIREFIGHTING EQUIPMENT: Full bunker gear recommended. Including a positive pressure self-contained breathing apparatus.

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 contact with eyes, skin or clothing. Wash hands after handling. Empty container may retain product residue, which may exhibit hazards of product.

STORAGE: Store and use in cool, dry, well-ventilated areas. Keep away from heat or flame.

Section 8: Exposure Controls/Personal Protection

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

RESPIRATORY: Use a NIOSH approved respirator when necessary.

SKIN: Use Viton or Nitrile gloves to avoid prolonged or repeated skin contact.

EYE: Use splash goggles or face shield where splashing is expected or can occur.

EXPOSURE LIMITS: The Threshold Limit Value (TLV) of 5 mg/m³ is suggested for oil mist.

Section 9: Physical and Chemical Properties

Physical State	Liquid
Boiling Point	N/A
Freezing/Melting Point	N/A
Vapor Pressure	Not Determined
Vapor Density (Air=1)	Not Determined
Evaporation Rate	@ 1 Atm. And 77° F (25°C) < 0.1%
Solubility in Water	@ 1 Atm. And 77° F (25°C) <0.1%
Specific Gravity (Water=1)	0.8473
Density, lb. / Gal	7.055
Volatility (Volume)	Negligible
VOC	Unknown
pH	Essentially Neutral
Odor	Mild Odor
Odor Threshold	Not Determined
Appearance	Dark, Clear Amber Fluid
Viscosity, cSt @ 100°C	2.67
Viscosity, cSt @ 40°C	9.80
Viscosity Index	109

Section 10: Stability and Reactivity

STABILITY: Stable. Will not react violently with water.

INCOMPATIBILITY: Avoid contact with strong oxidants, concentrated chlorine, concentrated oxygen, Sodium hypochlorite or Calcium hypochlorite.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCT: May produce fumes when heated to decomposition. Fumes may contain toxic oxides of carbon.

Section 11: Toxicological Information**ACUTE EXPOSURE**

- Eye Irritation: Moderate to strong eye irritation. Based on data from components or similar material.
- Skin Irritation: Skin irritant. Based on data from components or similar material. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, defatting, and cracking of the skin.
- 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.

CHRONIC EXPOSURE

- Chronic Toxicity: No data available to indicate product or components present at greater than 1% 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, ACGIH STEL of 10 mg per cubic meter.

There are extensive toxicological data available on the various components of this product. An adequate representation of all these data is beyond the scope of this document. Please contact the AMSOIL Material Safety Data Sheet Coordinator for more details.

Section 12: Ecological Information

No data available on the adverse effects of this product on the environment.

Section 13: Disposal Considerations

Waste from this product may be hazardous when disposed as defined under the Resource Conservation and Recovery act (RCRA).Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Dispose of in accordance with Federal, State and local regulations regarding pollution.

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 Not Applicable
TSCA Listed
CERCLA 40 CFR 302.4.....,Not Applicable

SARA Title III

Section 302 Extremely Hazardous.....Not Applicable
Section 311/312
Fire Hazard Yes
Reactive Hazard..... No
Release of Pressure..... No
Acute Health Hazard..... Yes
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

WHMISAll components listed

Section 16: Other Information

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