

**AMSOIL Material Safety Data Sheet**

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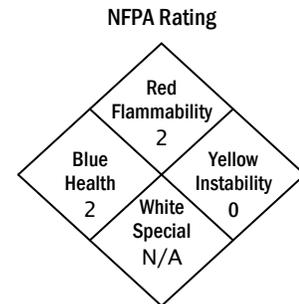
**Section 1: Product and Company Identification**

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.....FOG  
 Product Label Name.....ENGINE FOGGING OIL (Aerosol)  
 Product Use..... Rust Preventative Fluid

**Section 2: Composition/Information on Ingredients****OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)**

Mineral Spirits: CAS# 64742-88-7, appx weight=79%  
 ACGIH TLV : 100 ppm, OSHA PEL: 100 ppm  
 Naphthenic Oil, CAS# 64742-63-8, appx wt=11%  
 ACGIH TLV: 5 mg/ m<sup>3</sup> (mist) & OSHA PEL 5 mg/ m<sup>3</sup> (mist)  
 2-Butoxyethanol, CAS# 111-76-2, appx wt=4%  
 ACGIH TLV: 20 ppm & OSHA PEL: 25 ppm  
 Proprietary Sulfonated Hydrocarbon Surfactant, appx wt=3%  
 ACGIH TLV: 5 mg/ m<sup>3</sup> (dust) & OSHA PEL 5 mg/ m<sup>3</sup> (dust)  
 Carbon Dioxide, CAS# 124-38-9  
 ACGIH TLV: 5000 ppm & OSHA PEL: 5000 ppm

**Section 3: Hazards Identification**

POTENTIAL HEALTH EFFECTS: Eye, inhalation, skin irritation.

SIGNS & SYMPTOMS OF OVEREXPOSURE: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

**Section 4: First Aid Measures**

EYE: Flush with water for 15-20 minutes. Seek immediate medical attention.

SKIN: Wash immediately with soap and water. Immediately remove contaminated clothing and launder before reuse. Obtain medical advice if irritation occurs.

INHALATION: Remove exposed person to fresh air. If breathing is labored give oxygen. If breathing has stopped apply artificial respiration. Keep warm & quiet. Get immediate medical attention.

INGESTION: DO NOT INDUCE VOMITING. Get immediate medical attention.

**Section 5: Fire Fighting Measures**

FLAMMABILITY PROPERTIES: Flash Point..... 111°F  
 Method .....N/A  
 LFL/UFL..... 1.0 / 10.6  
 Auto-ignition Temperature..... Not Determined

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, and foam.

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

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent. 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 & STORAGE: Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. **Keep out of reach of children.**

Section 8: Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE: Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

VENTILATION: Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

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.

Section 9: Physical and Chemical Properties

Physical State.....	Liquid
Boiling Point.....	<0 - 395°F (Aerosol)
Freezing/Melting Point.....	Not Applicable
Vapor Pressure.....	Not Determined
Vapor Density (Air=1) .....	>1
Evaporation Rate.....	Not Determined
Solubility in Water.....	Not Available
Specific Gravity (Water=1).....	0.8000
Density, lb./gal. ....	6.67
Volatility (Volume).....	87%
VOC .....	Unknown
pH .....	Not Determined
Coefficient of Water/Oil Distribution .....	Not Determined

Odor.....N/A  
Odor Threshold..... Not Determined  
Appearance .....Clear, Fluid Spray  
Viscosity, cSt @ 100°C ..... Not Applicable  
Viscosity, cSt @ 40°C ..... Not Applicable  
Viscosity Index..... Not Applicable

**Section 10: Stability and Reactive**

STABILITY: Stable. Avoid applications to hot surfaces.

INCOMPATIBILITY: None Known.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCT: Carbon Dioxide, Carbon Monoxide

**Section 11: Toxicological Information**

**ACUTE EXPOSURE**

Eye Irritation: Moderate to strong eye irritation. 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. 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 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, ACGIH STEL of 10 mg per cubic meter.

**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 as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution

**Section 14: Transport Information**

No Data Available

**Section 15: Regulatory Information**

U.S. Federal Regulations

OSHA Table Z..... Not Applicable  
TSCA..... Listed

SARA Title III

Section 302 Extremely Hazardous ..... Not Applicable

Section 311/312

Fire Hazard ..... Yes

Reactive Hazard ..... No

Release of Pressure ..... Yes

Acute Health Hazard ..... Yes

Chronic Health Hazard ..... No

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**

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