

AMSOIL Material Safety Data Sheet

Date Issued/Revised: October 24, 2002
Supersedes: July 24, 2000

Section 1: Product and Company Identification

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

AMSOIL Product Code DRP
Product Label Name Dipping Rust Preventative
Product Use Hydrocarbon-Based Rust Preventative

Section 2: Composition/Information on Ingredients

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

SOLVENT REFINED LIGHT, PARAFFINIC DISTALLATE, CAS# 64741-89-5 appx weight=90-95% or

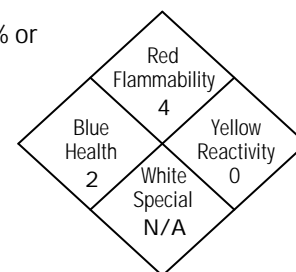
SOLVENT REFINED LIGHT, NAPHTHENIC DISTALLATE, CAS# 64741-97-5, or

SEVERELY HYDROTREATED HEAVY, NAPHTHENIC DISTILLATE, CAS# 64742-52-5 or

SEVERELY HYDROTREATED LIGHT, CAS# 64742-53-6

* See section 8 for exposure limits.

NFPA & HMIS Rating



Section 3: Hazards Identification

POTENTIAL HEALTH EFFECTS: Eye, skin irritant

Section 4: First Aid Measures

- EYE:** Flush with water for 20-30 minutes. Seek immediate medical attention if irritation occurs or persists.
- SKIN:** Wash immediately with soap and water. Immediately remove contaminated clothing and launder before reuse. Discard shoes and leather articles saturated with the product. 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. Get immediate medical attention.
- INGESTION:** DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. If vomiting does occur, keep head below hips to reduce risk of aspiration. Get immediate medical attention.

Section 5: Fire Fighting Measures

FLAMMABILITY PROPERTIES:

Flash Point 334°F(168°C)
Method PMCC (ASTM D-93)
LFL/UFL Not Applicable
Auto-ignition Temperature... Greater than 400° F (204°C)

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, and alcohol 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

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	Approximately 460° F (228° C)
Freezing/Melting Point	Approximately -31° F (-35° C)
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)	0.871 @ 60° F (15.6° C)
Density, lb. / Gal	Not Applicable
Volatility (Volume).....	Negligible
VOC	Unknown
pH	Essentially Neutral
Odor.....	Mild Odor
Odor Threshold.....	Not Determined
Appearance	Dark, Clear Amber Fluid
Viscosity, cSt @ 100°C	Not Applicable
Viscosity, cSt @ 40°C.....	Not Applicable
Viscosity Index	Not Applicable

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 InformationACUTE 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

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.