AMSOIL Material Safety Data Sheet

Date Issued/Revised: February 27, 2008
Supersedes: March 3, 2005

Section 1: Product and Company Identification

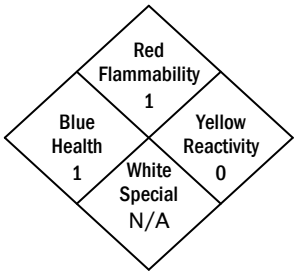
Manufacturer: AMSOIL, Inc.
925 Tower Avenue
Superior, WI 54880

Telephone:
CHEMTREC (Spill Emergency Only): 1-800-424-9300
Information: 715-392-7101

AMSOIL Product Code ..... MCF
Product Label Name ..... SYNTHETIC 10W-40 MOTORCYCLE ENGINE OIL
Product Use ..... LUBRICATING OIL

Section 2: Composition/Information on Ingredients

NFPA & HMIS Rating



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: Minor eye, inhalation and skin irritant.

Section 4: First Aid Measures

EYE: Flush with water for 15-20 minutes. Seek medical attention if irritation develops.

SKIN: Wash immediately with soap and water. 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 ..... 453°F(234°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: Water or foam may cause frothing. Use water to keep fire exposed surface cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water.

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

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Section 6: Accidental Release Measures

Eliminate all ignition sources. Ventilate all confined spaces. Keep public away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Keep product out of sewers and waterways. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulator Information Section (SARA) for reporting requirements.

Section 7: Handling and Storage

HANDLING: Keep containers closed. Avoid contact with eyes, skin or clothing. Wash hands after handling. Empty container may retain product residue which may exhibit hazards of product. **Warning:** Continuous contact with **used** motor oil has caused skin cancer in laboratory animal tests. Wash thoroughly after handling.which may exhibit hazards of product.

STORAGE: 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/m^3 is suggested for oil mist.

Section 9: Physical and Chemical Properties

Physical State	Liquid
Boiling Point	Not Determined
Freezing/Melting Point	-51°F(-46°C)
Vapor Pressure	Not Determined
Vapor Density (Air=1)	Not Determined
Evaporation Rate	Not Determined
Solubility in Water	Negligible
Specific Gravity (Water=1)	0.8586
Density, lb./gal.	7.149
Volatility (Volume)	Unknown
VOC	Unknown
pH	Not Determined
Coefficient of Water/Oil Distribution	Not Determined
Odor	Aromatic, Hydrocarbon Odor
Odor Threshold	Not Determined
Appearance	Light Amber Colored Liquid
Viscosity, cSt @ 100°C	13.9
Viscosity, cSt @ 40°C	93.4
Viscosity Index	152

Section 10: Stability and Reactivity

STABILITY: Stable under moderately elevated temperatures and pressures.

INCOMPATIBILITY: Avoid contact with strong oxidants.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCT: Toxic oxides of carbon, aldehydes and other products of incomplete combustion.

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.

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 detail.

Section 12: Ecological Information

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

Section 13: Disposal Considerations

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

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 .....Not Applicable
- CERCLA 40 CFR 302.4.....Zinc and Compounds @ 1.48-2.63% RQ 1 lb.
- 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
- 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.