



# Safety Data Sheet

Issue Date: 7/1/2016 SDS: PCMO SN Grade

Section 1 Product Identification

Common Name Passenger Car Motor Oil (Conventional)

Typical Use Engine Lubricant

Trade Name Spectrol API SN SAE 10W30, 10W40, 20W50

Manufacturer/ Supplier: AMALIE Oil Company

4950 Virginia Ave

North Charleston, SC 29405

**MSDS Requests/ Product** 

**Information:** 

843-619-4700 (Monday -Friday 8 A.M. - 5 P.M.)

**800 Number:** 877-433-5346 (Monday -Friday 8 A.M. - 5 P.M.)

Section 2 Hazards Identification



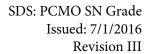
Warning! Contact with skin or eyes may result in irritation. Ingestion (swallowing) may result in GI tract irritation or stomach discomfort. Inhalation of oil mists or heated oils may result in respiratory tract (lung, throat, nose, and airways) irritation. Slip hazard when spilt.

#### **HMIS Codes**

Health	Fire	Reactivity
1	1	0

Section 3 Products/Ingredients	Section 3 Pr	Products/Ingredients
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Components	CAS Number	Amount
Highly Refined Mineral Oil	Mixture	80-90%
Zinc dialkyl dithiophosphate	Proprietary	<2%





Section 4	First Aid Measures
Oral	DO NOT INDUCE VOMITING. Get immediate medical attention
Eyes	Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists
Skin	Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
Inhalation	Removed exposed person to fresh air if adverse affects are observed
Additional Information	Note to physician: Treat symptomatically
Section 5	Fire Fighting Measures

Flash Point: 200 Deg C, 392 Deg F (min)

**Extinguishing Media:** Use foam, dry chemical or carbon dioxide (CO2) to extinguish flames. Do not use direct stream of water. Product will float and can be reignited on surface of water.

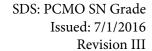
Fire Fighting Procedures: Recommend wearing self-contained breathing apparatus and turn out gear.

**Unusual Fire and Explosion Hazards:** Toxic fumes, gases or vapors may evolve on burning such as carbon monoxide and dioxide as well as sulfur oxides.

Accidental release vicasures	Section 6 Accidental	Release Measures
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### **Spill Procedures**:

Personal Protective Equipment must be worn (see Section 8 for PPE). Keep all unnecessary personnel away. Eliminate all sources of ignition. Ventilate area if spilled in confined space or other poorly ventilated areas. Product is water pollutant. Prevent entry into sewers, drains, and water ways by diking spill with sand, earth or other appropriate material. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.





Section 7

Dection /	Handing and Storage
General Precautions:	Use local exhaust ventilation if there is a risk of inhalation of vapors, mists or aerosols. Properly dispose of any contaminated rags and PPE or cleaning materials to prevent fire. Keep out of reach of children. Prevent product from entering waterways or contaminating soil.
Handling Procedures:	Avoid prolonged or repeated exposure to skin as well as contact with eyes. Avoid inhalation of mists or vapors. If handling drums, safety footwear should be worn and proper handling equipment should be used.
Storage Procedures:	Keep containers tightly closed and stored in a cool, well ventilated area. Properly labeled bottles should be used. Wash thoroughly after handling. Empty container contains product residue which may exhibit hazards of product and should be disposed of properly.
Section 8	Exposure Control and Personal Protective Equipment
Ventilation Procedures	Use with adequate ventilation.
Gloves Procedures	PVC Neoprene or Nitrile Gloves should be suitable. Due to the variances in working conditions and glove types the distributer should be consulted as to the best option. Always wash hands after use
Eye Protection	Safety glasses or face shield.
Respiratory Protection	Under normal use conditions, respirator is not usually required. Use

Handling and Storage

Section 9 Physical and Chemical Properties
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Long sleeve shirt is recommended.

recommended exposure limit is exceeded.

NIOSH/MSHA approved disposable dust/mist mask if the

Flash Point 200 °C, 392°F (min)

Vapor Pressure

Not available

0.86-0.89 g/cm<sup>3</sup>

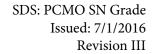
Water Solubility Insoluble

**Clothing Recommendation** 

OdorMild hydrocarbon smellAppearanceClear Amber Liquid

**Viscosity (a) 100**°C 5.6-21.9 cSt

The above data are typical values and do not constitute a specification.





Stability
Material is normally stable at moderately elevated temperatures.

Decomposition Temperature
Incompatibility
Polymerization
Thermal Decomposition

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

Section 11 Toxicological Information

#### --ACUTE EXPOSURE

Oral Toxicity The LD50 in rats is > 5000mg/kg based on data from components or

similar materials.

Eye Irritation This product can cause mild eye irritation with short term contact.

Skin Irritation Not expected to be a primary skin irritant based on data from

components or similar materials. Prolonged exposure or repeated skin contact as from clothing with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the

skin.

**Inhalation Sensitization**No data available to indicate product or components may be

respiratory sensitizers. Oil mist may be respiratory irritant.

#### -- CHRONIC EXPOSURE

Chronic Toxicity No data available to indicate product or components present at

greater than 1% are chronic health hazards.

Carcinogenicity This material is formulated with mineral oils which are considered to

be severely refined and not considered to be carcinogenic under

IARC.

**Mutagenicity**No data available to indicate product or components present at

greater than 0.1% are mutagenic or genotoxic.

**Reproductive Toxicity**No data available to indicate product or components present at

greater than 0.1% that may cause reproductive toxicity.

**Teratogenicity**No data available to indicate product or components present at

greater than 0.1% may cause birth defects.

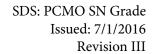
Other No other health hazards known.

**Exposure Limits** Mineral Oil: OSHA PEL of 5 mg/m³ (mist), ACGIH STEL of 10

 $mg/m^3$  (mist).

Zinc dialkyl dithiophosphate: Oral LD50 (rat) 1830 mg/kg; Dermal

LD50 (rabbit) >3160 mg/kg





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Ecotoxicological data have not been determined specifically for this product. Information given is based on knowledge of the components and similar products.

**Ecotoxicity** Poorly soluble mixture. Not expected to be harmful to aquatic life.

May cause physical fouling of aquatic organisms. Consequently, this material should be kept out of sewage and drainage systems and all

bodies of water.

**Environmental Fate** This material is not expected to be readily biodegradable.

Section 13	Disposal Considerations
Waste Disposal	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. Contact local environmental or health authorities for approved disposal or recycling methods.

## Section 14 Transportation Information

US Department of This material is not subject to DOT regulations under 49 CFR Parts

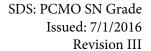
**Transportation Classification** 171-180

**Oil:** This material is an "Oil" under 49 CFR part 130 when transported in a container of 3500 gallon capacity or greater.

Section 15	Regulatory Info	
Superfund Amendment & Reauthorization Act (SARA) Title III:	This material is not regulated under SARA Title III	
Toxic Substances Control Act (TSCA) Status:	Component(s) of this material is (are) listed on the EPA/TSCA Inventory of Chemical Substances.	
State Regulation		

This material in not regulated by the California Safe Drinking Water and Toxic Enforcement Act (Proposition 65).

This product (petroleum) as well as the zinc and zinc compounds contained within are listed in the New Jersey Right-to-Know Chemical List and the Pennsylvania Right-to-Know Chemical List.





Section 16 Other Information
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## **US NFPA Codes**

Health	Fire	Reactivity
1	1	0

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.