

Material Safety Data Sheet

Material Name: Service Pro Premium Synthetic Blend Motor Oil SAE 10W-30

*** Section 1 - Chemical Product and Company Identification ***

Part Number: Service Pro Premium Synthetic Blend Motor Oil SAE 10W-30

Chemical Name: Mixture

Product Use: Premium Passenger Car Motor Oil

Material Name: Premium Synthetic Blend Motor Oil (all grades)

Manufactured For

AIOD
PO Box 1861
Montrose, CO 81402
Telephone Number (800) 313 2463

CHEMTREC EMERGENCY NUMBER:

Domestic: 800-424-9300
International: 703-527-3887

*** Section 2 - Composition / Information on Ingredients ***

Occupational Exposure Limits*

<u>Product</u>	<u>CAS Number</u>	<u>Wt%</u>	<u>Occupational Exposure Limits*</u>			<u>Units</u>
			<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other</u>	
Service Pro Synthetic Blend Motor Oil – All Grades***	Mixture	100	N.A.	N.A.		

Ingredient(s):

Hydrotreated Petroleum Lubricants	Various	50 - 90	5	5	10 STEL	mg/m ³ **
Proprietary Ingredients	Proprietary Mixture	0 - 30				
Additives containing Zinc salt of dialkyl-dithiophosphoric (ZDDP) acid and polymers	68649-42-3	<15	N.A.	N.A.		

The highly refined mineral oil contains <3% (w/w) DMSO extract, as measured by IP346.

*** Section 3 - Hazards Identification ***

EMERGENCY OVERVIEW: *Oil mist, if generated.*

HMIS Hazard Rating	NFPA Hazard Rating
H 1	1
F 1	1
R 0	0

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.

Inhalation: Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem.

Eye Contact: Expected to be minor eye irritant.

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Skin Contact: Repeated or prolonged skin contact may cause dermatitis.

Ingestion: Not expected to be acutely toxic.

Chronic: None known.

*** Section 4 - First Aid Measures ***

Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Get medical attention immediately.

Eye Contact: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

Skin Contact: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs and persists, seek medical attention. Thoroughly clean contaminated clothing before reuse. If material is injected under the skin, seek medical attention immediately.

Ingestion: If swallowed, DO NOT induce vomiting unless directed to by a physician. If significant amounts are swallowed or irritation or discomfort occurs, seek immediate medical attention.

*** Section 5 - Fire Fighting Measures ***

Flashpoint (method): >350 deg F (ASTM D-92)

Flammable Limits: Not established

Autoignition Temperature: No Data Available

Extinguishing Media: Use dry chemical, foam, or carbon dioxide.

Fire-Fighting Instructions: Fire-Fighting Equipment: Wear self-contained breathing apparatus and protective clothing. Water may be used to cool containers exposed to heat or flame.

Hazardous Combustion By-products: Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion. Avoid breathing smoke and vapor.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0 Other:

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Spill/Leak Procedures: Remove sources of ignition. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with absorbent pads. Large spills may be taken up with pump or vacuum.

*** Section 7 - Handling and Storage ***

Storage Temperature: Ambient

Storage Pressure: Atmospheric

General: Keep container closed. Do not store with strong oxidizing agents. Store in a cool, well-ventilated place. Keep away from heat, sparks and flame. Empty containers may contain residues.

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Limits: ACGIH TWA (Mist) = 5 mg/m³
STEL (Mist) = 10 mg/m³

Ventilation: Good general ventilation at source of vapor.

Personal Hygiene: Always wash hands and face with soap and water before eating, drinking or smoking.

Respiratory Protection: Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust or mist filter.

*** Section 9 - Physical & Chemical Properties ***

Appearance/Odor: Petroleum odor, clear, amber liquid

Vapor Density: > 1 (air =1.0)

Solubility in Water: Insoluble

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Specific Gravity: 0.88

*** Section 10 - Chemical Stability & Reactivity Information ***

Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Extremes of temperature

Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: Hazardous decomposition products are not expected to form during normal storage.

*** Section 11 - Toxicological Information ***

Oral Toxicity: Practically non-toxic (LD50: greater than 5000 mg/kg.)

Dermal Toxicity: Practically non-toxic (LD50: greater than 5000 mg/kg.)

Inhalation Toxicity: Not considered to be inhalation hazard under normal conditions of use.

Eye Irritation: Expected to be slightly irritating.

Skin Irritation: Expected to be slightly irritating.

*** Section 12 - Ecological Information ***

Ecotoxicity

No information is available on ecotoxicity of this product.

Environmental Fate

No information is available. Keep product out of sewers and waterways.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

Product as shipped does not meet the definition or characteristics of a hazardous waste.

B: Component Waste Numbers

No information is available.

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Do not allow this material to drain into sewers/water supplies. Material should be recycled if possible.

*** Section 14 - Transportation Information ***

US DOT: Not regulated as a hazardous material

Hazard Class: Not classified

UN/UA#: Not classified

Packing Group: Not classified

Required Label (s): None

IMO/IMDG Shipping Description: Petroleum Lubricating Oil is not regulated as dangerous goods for transport.

ICA/IATA Shipping Description: Petroleum Lubricating Oil is not regulated as dangerous goods for transport.

International Transportation Regulations: Not regulated as dangerous goods.

*** Section 15 - Regulatory Information ***

TSCA: This material is in compliance with the Toxic Substances control Act (15 USC 2601-2629) and is listed in the TSCA Inventory.

SUPERFUND AMENDMENT & REAUTHORIZATION ACT (SARA) TITLE III: There are no components in this product on the SARA 302/304 list.

Section 311/312 Hazard Categorization

Acute

Chronic

Fire

Pressure

Reactive

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No	No	No	No	No	No	No
<u>Ingredient</u>	<u>CAS No.</u>	<u>SARA Hazardous Substances</u>		<u>Sec 302</u>	<u>RQ, 1b</u>	<u>TPQ, 1b</u>
Zinc	68649-42-3	<u>% wt</u>	<u>Sec 313</u>			
		<2%				

SARA Section 313: There are no components in this product on the SARA 313 list.

CERCLA: Zinc and zinc compounds, <2%.

US Federal Regulations

A: General Product Information

This product may be classified as an oil under Section 311/312 of the Clean Water Act, and under the Oil Pollution Act. Discharges of spills into or leading to surface waters that cause sheen must be reported to the National Response Center. (1-800-424-8802) All components of this product are listed on the U.S. EPA TSCA Inventory.

B: Component Analysis

None of this products components are listed under SARA Section 302/304 (40 CFR 302.4 and 40 CFR 355 Appendix A). CERCLA (40 CFR 302.4) Zinc and zinc compounds, Concentration <2.0%. SARA Toxic Release Inventory (TRI) (313): zinc compounds.

State Regulations

CALIFORNIA PROPOSITION 65 WARNING

Chemicals known to the State of California to cause cancer, birth defects or other reproductive harm may be found in petroleum products. Although it is possible to sufficiently refine the petroleum products to remove the potential for cancer, we are advising that one or more of the listed chemicals may be present in some detectable quantities. Read and follow directions and use care when handling these petroleum products.

Other state regulations may apply.

*** Section 16 - Other Information ***
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Key/Legend

N = No; Y = Yes; ppm - parts per million; mg/m3 = milligrams per cubic meter of air; ACGIH = American Conference of Governmental Industrial Hygienists; OSHA = Occupational Safety and Health Administration; TLV = Threshold Limit Value; NIOSH = National Institute of Occupational Safety and Health; NTP = National Toxicology Program; IARC = International Agency for Research on Cancer; DMSO = Dimethyl Sulfoxide; NFPA = National Fire Protection Association; ACGIH = American Conference of Governmental Industrial Hygienists; HMIS = Hazardous Materials Information System; EPA = U.S. Environmental Protection Agency.

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