

Material Safety Data Sheet

Material Name: Service Pro 15W-40 CJ-4

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

Part Number: All containers

Chemical Name: Mixture

Product Use: Premium Heavy-Duty Diesel Engine Oil

Material Name: Service Pro 15W-40 CJ-4

Manufactured For:

AIOD

PO Box 1861

Montrose, CO 81402

CHEMTREC NUMBER:

Domestic: 800-424-9300

International: 703-527-3887

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

Chemical Ingredient

Highly refined mineral oils >75 %

Proprietary Additives <25%

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.

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)

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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

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.

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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

<u>Acute</u>	<u>Chronic</u>	<u>Fire</u>	<u>Pressure</u>	<u>Reactive</u>
No	No	No	No	No

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

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

CERCLA: Zinc and zinc compounds, <2%.

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* * * Section 16 - Other Information * * *

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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