

Material Safety Data Sheet (MSDS)

1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Trade Name:** RIDA Petrol Engine Oil 20W50 API SN Fully Synthetic
- **Product Type:** Petrol Engine Oil
- **Preparation/Revision Date:** FEB 3, 2025
- **Supplier Details:**
 - RIDA LUBRICANTS
 - 91 Hassan Bin Haitham St - Ajman Industrial 2 - Ajman
 - P.O. Box 40413, Ajman, UAE
- **MSDS No.:** PR-PEO-001

2. HAZARDS IDENTIFICATION

- **Statement of Hazardous Nature:** Not classified as hazardous according to the criteria of SWA.
 - Not a Dangerous Good according to IATA and IMDG/IMSBC Criteria
- **Risk Phrase:** Not Hazardous
- **Classification According to (EC) No. 1272/2008 (CLP):** Not Classified
- **Label Elements:**
 - **EUH Statement:** Contains Calcium Petroleum Sulfonate (61789-86-4). May produce an allergic reaction.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS #	Concentration
White Mineral Oil, Petroleum	8042-47-5	80-85%
Lubricating Oils, Petroleum, C15-30, Hydrotreated Neutral Oil-based	72623-86-0	1.7-2.6%

Component	CAS #	Concentration
Zinc Alkyl Di Thiophosphate	68649-42-3	<1.5%
Alkylphenol	121158-58-5	<0.2%

4. FIRST AID MEASURES

- **Inhalation:** Generally, not a hazard. If exposure occurs, remove the affected person to fresh air. Administer artificial respiration if needed.
 - **Skin Contact:** Wash with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.
 - **Eye Contact:** Flush eyes with water for at least 15 minutes. Seek medical attention.
 - **Ingestion:** Do not induce vomiting. If the person is conscious, administer milk or water. Seek medical attention immediately.
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5. FIRE AND EXPLOSION HAZARDS

- **Flash Point:** >220°C
 - **Extinguishing Media:** CO₂, dry chemical, or foam.
 - **Flammability Limits:** Can form flammable mixtures above flash point.
 - **Special Firefighting Procedures:** Wear self-contained breathing apparatus. Avoid water jets.
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6. ACCIDENTAL RELEASE MEASURES

- **Land Spill:** Contain with sand or earth. Recover by pumping or using absorbents.
 - **Water Spill:** Notify authorities. Shut off the source if possible. Consult an expert on disposal.
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7. HANDLING AND STORAGE

- **Max Storage Temperature:** ~40°C
 - **Max Transport Temperature:** ~40°C
 - **Handling Procedures:** Keep containers sealed when not in use. Avoid handling near open flame or heat sources.
 - **Storage Procedures:** No special storage precautions needed.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Ventilation:** Provide exhaust if mist is generated.
- **Gloves:** Wear oil-resistant gloves.
- **Eye Protection:** Safety glasses or goggles if splash or mist occurs.
- **Respiratory Protection:** Not required unless mist is inhaled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit	Test Method	Value
Physical State	-	-	Liquid
Water Solubility	-	-	Insoluble
Appearance/Odor	-	-	Amber to dark colored liquid with a slight odor
Viscosity Index	@ 15°C	ASTM D2270	128
Viscosity (100°C)	cSt	ASTM D445	19.2
Viscosity (40°C)	cSt	ASTM D445	170.5
TBN	-	ASTM 2896	7.61
Density	g/cm ³	ASTM 4052	0.8889
Pour Point	°C	ASTM D97	-26
Flash Point (COC)	°C	ASTM D92	226

10. STABILITY AND REACTIVITY

- **Reactivity:** Stable under normal storage conditions.
- **Conditions to Avoid:** Keep away from temperatures above 30°C. Keep containers tightly closed and dry.
- **Incompatibilities:** Strong oxidizers.
- **Fire Decomposition:** Carbon dioxide, carbon monoxide, hydrocarbons, aldehydes, and smoke.
- **Polymerization:** Will not undergo polymerization.

11. ECOLOGICAL INFORMATION

- **Environmental Effects:** No specific toxicology data. May pose risks similar to oil spills.

12. DISPOSAL CONSIDERATIONS

- **Waste Disposal:** Dispose of waste in accordance with local regulations. Consult local environmental authorities for proper disposal methods.
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13. OTHER INFORMATION

- No other health hazards known.
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14. TRANSPORT INFORMATION

- **UN Number:** Not Applicable
 - **Dangerous Goods Class:** Not Applicable
 - **Proper Shipping Name:** Not Applicable
 - **Hazchem Code:** Not Applicable
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15. REGULATORY INFORMATION

- **Respirator Information:** Follow appropriate local or international standards for respiratory protection.