

## Material Safety Data Sheet (MSDS)

**Product Name:**

Rida Diesel Engine Oil API CH-4/SJ SAE 20W-50

### 1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Trade Name:** Rida Diesel Engine Oil API CH-4/SJ SAE 20W-50
- **Product Type:** Diesel Engine Oil
- **Preparation/Revision Date:** 24-Oct-24
- **Supplier Details:**
  - **Company:** Rida Lubricants LLC
  - **Address:** 91 Hassan Bin Haitham St, Ajman Industrial 2, P.O. Box 40413, Ajman, UAE
  - **Website:** www.ridalubs.ae

### 2. HAZARDS IDENTIFICATION

- **Classification:** Not classified as hazardous under normal conditions of use.
- **GHS Label Elements:**
  - **Signal Word:** Not Required
  - **Hazard Statements:** Not Applicable
  - **Precautionary Statements:** Avoid prolonged contact with skin and eyes.
- **Potential Health Effects:**
  - **Inhalation:** Not expected to cause respiratory irritation under normal conditions.
  - **Skin Contact:** Prolonged contact may cause mild irritation.
  - **Eye Contact:** May cause slight irritation upon direct contact.
  - **Ingestion:** May cause gastrointestinal discomfort if ingested in large amounts.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS #	Concentration
Mineral Base Oil	8042-47-5	80-90%

Additive Package	Proprietary	10-15%
Zinc Dialkyldithiophosphate (ZDDP)	68649-42-3	<1.5%

#### 4. FIRST AID MEASURES

- **Inhalation:** Move to fresh air if exposure occurs. Seek medical attention if breathing difficulties persist.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Eye Contact:** Rinse thoroughly with water for at least 15 minutes. Seek medical attention if irritation persists.
- **Ingestion:** Do not induce vomiting. Seek medical attention immediately.

#### 5. FIRE-FIGHTING MEASURES

- **Flash Point:** >226°C (ASTM D92)
- **Extinguishing Media:** CO2, dry chemical, foam
- **Fire Hazards:** Oil mist may create flammable or explosive conditions.
- **Protective Equipment for Firefighters:** Wear self-contained breathing apparatus (SCBA) and protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

- **Land Spill:** Absorb with sand or earth. Prevent oil from entering drains.
- **Water Spill:** Notify authorities. Use containment booms if necessary.

#### 7. HANDLING AND STORAGE

- **Handling:** Use in well-ventilated areas. Avoid contact with skin and eyes.
- **Storage:** Store in a cool, dry place away from heat sources.
- **Maximum Storage Temperature:** 40°C

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Ventilation:** Local or general ventilation recommended.
- **Gloves:** Oil-resistant gloves recommended.
- **Eye Protection:** Safety goggles in case of splashes.
- **Respiratory Protection:** Not required under normal conditions.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Units	Test Method	Value
Kinematic Viscosity @ 40°C	cSt	ASTM D445	164

Kinematic Viscosity @ 100°C	cSt	ASTM D445	18.50
Viscosity Index	-	ASTM D2270	126
Density @ 15°C	kg/L	ASTM D4052	0.88
Flash Point (COC)	°C	ASTM D92	226
Pour Point	°C	ASTM D97	-27

## 10. STABILITY AND REACTIVITY

- **Stability:** Stable under normal conditions.
- **Incompatibility:** Strong oxidizing agents.
- **Hazardous Decomposition:** Carbon oxides, sulfur oxides, nitrogen oxides.
- **Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Not expected to be toxic.
- **Chronic Effects:** Prolonged exposure may cause mild skin irritation.
- **Carcinogenicity:** Not classified as a carcinogen.

## 12. ECOLOGICAL INFORMATION

- **Environmental Impact:** Avoid release into soil or waterways.
- **Biodegradability:** Not readily biodegradable.
- **Aquatic Toxicity:** May be harmful to aquatic life in large quantities.

## 13. DISPOSAL CONSIDERATIONS

- **Waste Disposal:** Dispose in accordance with local regulations.
- **Used Oil Disposal:** Take to an authorized collection point.

## 14. TRANSPORT INFORMATION

- **UN Number:** Not Applicable
- **Dangerous Goods Class:** Not Applicable
- **Proper Shipping Name:** Not Applicable
- **Hazchem Code:** Not Applicable

## 15. REGULATORY INFORMATION

- **Regulations:** Complies with OSHA, GHS, and EU REACH regulations.