

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** Rida Petrol Engine Oil 5W-30 API SN
- **Product Type:** Engine Oil
- **Preparation/Revision Date:** FEB 3, 2025
- **Manufacturer:**
 - RIDA LUBRICANTS
 - 91 Hassan Bin Haitham St - Ajman Industrial 2 - Ajman
 - P.O. Box 40413, Ajman, UAE

SECTION 2: HAZARDS IDENTIFICATION

- **GHS Classification:** Not classified as hazardous under normal conditions of use
- **Hazard Statements:**
 - Prolonged or repeated skin contact may cause irritation
 - Used oil may contain harmful contaminants
- **Precautionary Statements:**
 - Avoid prolonged contact with skin and eyes
 - Wash hands thoroughly after handling
 - Use protective gloves when handling used oil

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS #	Concentration
Synthetic Base Oil Mixture		70 - 90%
Additive Package	Proprietary	10 - 30%

SECTION 4: FIRST AID MEASURES

- **Inhalation:** Move to fresh air; seek medical attention if symptoms persist
- **Skin Contact:** Wash with soap and water; seek medical attention if irritation occurs
- **Eye Contact:** Rinse cautiously with water for several minutes; remove contact lenses if present
- **Ingestion:** Do not induce vomiting; seek medical attention immediately

SECTION 5: FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media:** CO₂, dry chemical, foam
- **Unsuitable Extinguishing Media:** Water jet
- **Fire Hazards:** May produce harmful fumes when burned

- **Protective Equipment for Firefighters:** Self-contained breathing apparatus (SCBA) and protective gear

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear protective gloves and clothing
- **Environmental Precautions:** Do not discharge into drains, soil, or water sources
- **Cleanup Methods:** Contain and absorb with inert material (sand, earth); dispose of according to local regulations

SECTION 7: HANDLING AND STORAGE

- **Handling:** Avoid direct skin contact; use in well-ventilated areas
- **Storage:** Store in a cool, dry, and well-ventilated area away from direct sunlight and ignition sources

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Engineering Controls:** Ensure adequate ventilation
- **Personal Protective Equipment (PPE):**
 - **Hand Protection:** Impervious gloves
 - **Eye Protection:** Safety goggles
 - **Skin Protection:** Protective clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Liquid
Appearance	Amber liquid
Odor	Mild petroleum odor
Density @ 15°C (kg/L)	0.86
Viscosity at 100°C (cSt)	9.3 – 12.0
Flash Point (COC)	220 – 240°C
Pour Point	-54°C
Water Solubility	Insoluble

SECTION 10: STABILITY AND REACTIVITY

- **Stability:** Stable under normal conditions
- **Conditions to Avoid:** Excessive heat and direct sunlight
- **Incompatible Materials:** Strong oxidizing agents
- **Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, and other harmful fumes

SECTION 11: TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Low acute toxicity; prolonged exposure to used oil may have harmful effects
- **Skin Irritation:** May cause irritation with prolonged exposure
- **Eye Irritation:** May cause mild irritation

- **Inhalation:** Mist or vapor may cause respiratory irritation
- **Chronic Effects:** Prolonged exposure to used oil may cause skin disorders

SECTION 12: ECOLOGICAL INFORMATION

- **Environmental Effects:** Harmful to aquatic life; avoid contamination of soil and water
- **Persistence and Degradability:** Not readily biodegradable
- **Bioaccumulative Potential:** May accumulate in the environment

SECTION 13: DISPOSAL CONSIDERATIONS

- **Disposal Methods:** Dispose of used oil at an authorized collection center
- **Regulatory Compliance:** Follow local, state, and national regulations

SECTION 14: TRANSPORT INFORMATION

- **UN Number:** Not regulated
- **Proper Shipping Name:** Lubricating oil
- **Transport Hazard Class:** Not classified as hazardous
- **Packing Group:** Not applicable

SECTION 15: REGULATORY INFORMATION

- **Regulations:** Complies with local and international regulations for lubricating oils

SECTION 16: OTHER INFORMATION

- **Disclaimer:** The information provided in this MSDS is correct to the best of our knowledge. Users must assess the suitability of this product for their specific applications. Rida Lubricants LLC is not responsible for improper use of this product.