

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Trade Name:** Rida Hydraulic Oil Series
- **Product Type:** Hydraulic Oil
- **Preparation/Revision Date:** February 4, 2025
- **Supplier Details:**
 - RIDA LUBRICANTS
 - 91 Hassan Bin Haitham St - Ajman Industrial 2 - Ajman
 - P.O. Box 40413, Ajman, UAE
- **MSDS No.:** PR-HY-003

2. HAZARDS IDENTIFICATION

Statement of Hazardous Nature:

- Not classified as hazardous according to SWA criteria.
- Not a Dangerous Good under IATA, IMDG/IMSBC criteria.

Risk Phrase:

- Not Hazardous

Classification According to (EC) No. 1272/2008 (CLP):

- Not Classified

Label Elements:

- **Contains:** Highly refined mineral oil, anti-wear additives, oxidation inhibitors.
- **Hazards:** Prolonged or repeated skin contact may cause irritation.
- **Precautionary Measures:** Avoid prolonged exposure.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	Concentration
Distillates, petroleum, hydrotreated light paraffinic	64742-55-8	60 - 80%
Alkarylamine	36878-20-3	1 - <5%
Olefin Sulphide	68937-96-2	1 - <5%

4. FIRST AID MEASURES

- **Inhalation:** Move the affected person to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash skin with soap and water. Remove contaminated clothing. Seek medical attention if irritation occurs.
- **Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. Seek immediate medical attention.

- **Ingestion:** Do not induce vomiting. If conscious, rinse mouth with water. Seek medical attention immediately.

5. FIRE-FIGHTING MEASURES

- **Flash Point:** >220°C
- **Extinguishing Media:** CO₂, dry chemical, or foam. Avoid using water jets.
- **Special Firefighting Procedures:** Use self-contained breathing apparatus (SCBA). Avoid inhalation of combustion products.

6. ACCIDENTAL RELEASE MEASURES

- **Land Spill:** Contain spill using sand or earth. Recover using absorbent material. Dispose of according to local regulations.
- **Water Spill:** Notify local authorities. Contain spill if possible and seek expert disposal advice.

7. HANDLING AND STORAGE

- **Handling Precautions:** Keep containers closed when not in use. Avoid prolonged skin contact.
- **Storage Precautions:** Store in a cool, dry place. Keep away from heat, sparks, and open flames.
- **Maximum Storage Temperature:** ~40°C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Ventilation:** Use adequate ventilation to prevent inhalation of mist.
- **Gloves:** Wear oil-resistant gloves when handling.
- **Eye Protection:** Use safety glasses or face shield if splashing is possible.
- **Respiratory Protection:** Normally not required, but avoid inhalation of mist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Liquid
Appearance / Odor	Amber to dark-colored liquid / slight odor
Water Solubility	Insoluble
Density @ 15°C (Kg/L)	0.860 - 0.885
Viscosity at 40°C (cSt)	26 - 100
Flash Point (COC)	≥220°C
Pour Point	-28°C to -24°C

10. STABILITY AND REACTIVITY

- **Reactivity:** Stable under normal conditions.
- **Conditions to Avoid:** Store in a dry, tightly closed container below 40°C.
- **Incompatibility:** Strong oxidizing agents.

- **Decomposition Products:** Carbon monoxide, carbon dioxide, hydrocarbons, oxides of sulfur, nitrogen, and phosphorus.
- **Polymerization:** Will not occur.

11. ECOLOGICAL INFORMATION

- **Environmental Effects:** No specific toxicology data available.
- **Remarks:** Avoid uncontrolled release into the environment. Oil spills can pose environmental hazards.

12. DISPOSAL CONSIDERATIONS

- Dispose of used oil and contaminated materials according to local environmental regulations.
- Do not dispose of in drains, soil, or water sources.

13. TRANSPORT INFORMATION

Transportation Aspect	Value
UN Number	Not Applicable
Dangerous Goods Class	Not Applicable
Proper Shipping Name	Not Applicable
Hazchem Code	Not Applicable
Additional Information	Not Determined

14. REGULATORY INFORMATION

- Complies with all applicable safety and environmental regulations.
- Follow local occupational safety guidelines.

15. DISCLAIMER

This MSDS is prepared to the best of Rida Lubricants' knowledge and is believed to be accurate and reliable. However, no guarantee or warranty is provided regarding its completeness or accuracy. The user must determine its suitability for specific applications.