



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Trade Name:** Rida Gear Oil GL-5 80W90
- **Product Type:** Gear 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-GR-002

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:** OLEFIN SULPHIDE, PHOSPHORIC ACID ESTERS, AMINE SALT
- May cause an allergic reaction.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	Concentration
Distillates, petroleum, hydrotreated light paraffinic (IP346<3%)	64742-55-8	30 - 40%
ALKARYLAMINE	36878-20-3	1 - <5%

OLEFIN SULPHIDE	68937-96-2	1 - <5%
ALKYL PHOSPHATE ESTER, AMINE SALT	121158-58-5	1 - <5%

4. FIRST AID MEASURES

- **Inhalation:** Not a typical hazard. Remove affected individual to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash with water and soap. Remove contaminated clothing. Seek medical attention if irritation persists.
- **Eye Contact:** Flush with water for at least 15 minutes. Seek immediate medical attention.
- **Ingestion:** Do not induce vomiting. If conscious, give water or milk. Seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

- **Flash Point:** >220°C
- **Extinguishing Media:** CO₂, dry chemical, or foam.
- **Special Firefighting Procedures:** Use self-contained breathing apparatus. Avoid water jets. Sand or earth may be used for small fires.

6. ACCIDENTAL RELEASE MEASURES

- **Land Spill:** Contain spill with sand or earth. Recover using a pump or absorbent material. Dispose of as per regulations.
- **Water Spill:** Notify authorities. Contain spill if possible. Seek expert disposal advice.

7. HANDLING AND STORAGE

- **Maximum Storage Temperature:** ~40°C
- **Handling Precautions:** Keep containers closed. Avoid heat, flame, and sources of ignition. Do not pressurize or reuse empty containers without proper cleaning.
- **Storage Precautions:** No special precautions required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Ventilation:** Use general or local exhaust ventilation.

- **Gloves:** Wear oil-resistant gloves.
- **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
ISO VG	80W90
Density at 15°C (Kg/L)	0.88
Viscosity at 100°C (cSt)	18
Flash Point (COC)	>230°C

10. STABILITY AND REACTIVITY

- **Reactivity:** Stable under normal conditions.
- **Conditions to Avoid:** Keep below 30°C, store in dry, tightly closed containers.
- **Incompatibility:** Strong oxidizing agents.
- **Decomposition Products:** Carbon dioxide, carbon monoxide, hydrocarbons, aldehydes, oxides of nitrogen, sulfur, zinc, and phosphorus.
- **Polymerization:** Will not occur.

11. ECOLOGICAL INFORMATION

- **Environmental Effects:** No specific toxicology data available.
- **Remarks:** Oil spills pose environmental risks. Contact local authorities if a spill occurs.

12. DISPOSAL CONSIDERATIONS

- Dispose of in accordance with local regulations. Use approved disposal methods.

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

- **Respirator Information:** Follow local standards. If absent, use NIOSH/MSHA or UK BSI-approved respirators.

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.