



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

- Product Trade Name: Rida Heat Transfer Oil HT Series
- Product Type: Heat Transfer Oil
- Preparation/Revision Date: FEB 4, 2025
- Supplier Details:
 - RIDA LUBRICANTS
 - 91 Hassan Bin Haitham St - Ajman Industrial 2 - Ajman
 - P.O. Box 40413, Ajman, UAE
- MSDS No.: PR-HT-001

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 base oils
- May cause an allergic skin reaction in susceptible individuals.

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 to fresh air. Seek medical attention if symptoms persist.
 - Skin Contact: Wash with soap and water. 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.
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5. FIRE-FIGHTING MEASURES

- Flash Point: $\geq 230^{\circ}\text{C}$
 - Extinguishing Media: CO₂, dry chemical, foam.
 - Special Firefighting Procedures: Use self-contained breathing apparatus. Avoid water jets. Sand or earth may be used for small fires.
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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.
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7. HANDLING AND STORAGE

- Maximum Storage Temperature: $\sim 40^{\circ}\text{C}$
 - 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.
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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.
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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)	0.87 - 0.885
Viscosity at 40°C (cSt)	22 - 100
Flash Point (COC)	≥230°C
Pour Point	-28°C to -24°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.
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11. ECOLOGICAL INFORMATION

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

- Dispose of in accordance with local regulations. Use approved disposal methods.
 - Used oil should be disposed of responsibly at an authorized collection point.
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13. TRANSPORT INFORMATION

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

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