



## MATERIAL SAFETY DATA SHEET (MSDS)

### 1. Product Identification

- **Product Name:** Rida Ad-Blue Diesel Exhaust Fluid
- **Chemical Name:** Urea solution in de-mineralized water
- **Manufacturer:** Rida Lubricants  
91 Hassan Bin Haitham St - Ajman Industrial 2 –  
Ajman P.O. Box 40413 Ajman, UAE
- **Emergency Contact:** +971 56 103 1399
- **Website:** [www.ridalubs.ae](http://www.ridalubs.ae)

### 2. Hazard Identification

- **Classification:** Not classified as hazardous according to the GHS (Globally Harmonized System)
- **Signal Word:** None
- **Hazard Statements:**
  - May cause slight irritation to the eyes and skin.
  - Spilled liquid may cause slippery surfaces.
- **Precautionary Statements:**
  - Avoid contact with eyes and skin.
  - If contact occurs, wash thoroughly with soap and water.
  - Store in a cool, dry place away from heat sources and direct sunlight.

### 3. Composition/Information on Ingredients

- **Chemical Composition:**
  - Urea: 32.5%
  - De-mineralized water: 67.5%

### 4. First-Aid Measures

- **Inhalation:** Not likely to be an inhalation hazard.
- **Skin Contact:** In case of skin contact, wash immediately with soap and water.
- **Eye Contact:** Flush eyes with water for several minutes. Seek medical attention if irritation persists.
- **Ingestion:** If swallowed, drink plenty of water and seek medical attention.

## 5. Firefighting Measures

- **Flammability:** Non-flammable.
  - **Fire-fighting Procedures:** Use extinguishing media appropriate to the surrounding fire conditions.
  - **Unusual Fire and Explosion Hazards:** None expected.
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## 6. Accidental Release Measures

- **Spill Response:**
    - Spillages should be cleaned immediately using water.
    - Ensure proper disposal of any contaminated material.
    - Contain and prevent the spread of spillage.
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## 7. Handling and Storage

- **Handling:**
    - Avoid contact with skin and eyes.
    - Use proper personal protective equipment (PPE) when handling.
    - Do not ingest.
  - **Storage:**
    - Store in a cool, dry place.
    - Keep at temperatures between 18°C and 23°C during production and transport.
    - Keep away from temperatures above 25°C to maintain long-term shelf life.
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## 8. Exposure Controls/Personal Protection

- **Personal Protective Equipment:**
    - Wear impervious gloves when handling.
    - Protective clothing as necessary to avoid contact.
    - Safety goggles should be worn if there is a risk of splashing.
  - **Occupational Exposure Limits:** No specific limits established for this product.
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## 9. Physical and Chemical Properties

- **Appearance:** Clear, odorless liquid.
  - **Density @ 20°C:** 1.089 g/cm<sup>3</sup>
  - **Freezing Point:** -11°C
  - **Refractive Index:** 1.3827
  - **pH:** Not applicable
  - **Solubility in Water:** Completely soluble
  - **Viscosity:** Not applicable
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## 10. Stability and Reactivity

- **Stability:** Stable under normal conditions of use and storage.
  - **Conditions to Avoid:** Avoid exposure to high temperatures above 25°C to prevent degradation.
  - **Incompatible Materials:** Corrosive to iron, copper, bronze, and some aluminum alloys.
  - **Hazardous Decomposition Products:** None under normal use.
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## 11. Toxicological Information

- **Health Effects:**
    - **Inhalation:** Not expected to cause any harm.
    - **Skin Contact:** May cause slight irritation.
    - **Eye Contact:** May cause mild irritation.
    - **Ingestion:** Non-toxic, but ingestion should be avoided.
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## 12. Ecological Information

- **Eco-toxicity:** No significant impact on the environment under normal conditions.
  - **Persistence and Degradability:** This product is biodegradable.
  - **Bioaccumulation Potential:** Not expected to bioaccumulate.
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## 13. Disposal Considerations

- **Disposal Method:**
    - Dispose of in accordance with local, regional, and national regulations.
    - Take used fluid to an authorized collection point.
    - Do not discharge into drains, soil, or water.
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## 14. Transport Information

- **UN Number:** Not classified as dangerous goods.
  - **Proper Shipping Name:** Diesel Exhaust Fluid
  - **Transport Hazard Class:** Not applicable
  - **Packing Group:** Not applicable
  - **Environmental Hazards:** Not considered an environmental hazard.
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## 15. Regulatory Information

- **Regulatory Status:** This product is classified as non-hazardous and complies with local and international regulations.
  - **Labeling:** No specific labeling required according to the GHS classification.
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## 16. Other Information

- **Additional Information:**

- For technical advice on any applications not covered here, contact Rida Lubricants.
- Always follow best practices for environmental protection and personal hygiene when handling.

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**Disclaimer:** The information provided in this MSDS is accurate to the best of our knowledge and belief at the time of preparation. It is intended to provide general guidance for handling and disposal. The user must evaluate the suitability of the product for their particular purpose.