



# Safety Data Sheet

## QR Dry Engine Cleaner

Date of Compilation: 2025-09-25

### SAFETY DATA SHEET (SDS)

For: QR Dry Engine Cleaner

Product Code: QR-EC1

### SECTION 1: Identification of the Substance/Mixture and of the Company

#### 1.1 Product Identifier

- Product Name: QR Dry Engine Cleaner
- Product Code: QR-EC1

#### 1.2 Relevant Identified Uses

- Specialized cleaner for degreasing automotive engines without water.
- Uses Advised Against: Not for use on hot surfaces, painted bodywork, or electrical contacts.

#### 1.3 Manufacturer Details

- Manufacturer: ALKIDRA GROUP ENTERPRISES UK LIMITED
- Address: 86-90 Paul Street, London, England, EC2A 4NE
- Emergency Phone: +44 1514581046
- Email: [info@kidra.co.uk](mailto:info@kidra.co.uk)

### SECTION 2: Hazards Identification

#### 2.1 Classification (GHS):

- Flammable Liquid: Category 3
- Eye Irritation: Category 2
- Skin Irritation: Category 2

#### 2.2 Label Elements:

- Signal Word: Warning
- Hazard Statements:
  - H226: Flammable liquid and vapor.
  - H315: Causes skin irritation.
  - H319: Causes serious eye irritation.
- Precautionary Statements:
  - Keep away from heat, sparks, open flames. ○ Wear protective gloves and goggles.
  - Do not breathe vapors.
  - Keep out of reach of children.

#### 2.3 Other Hazards:

- Contains petroleum-derived hydrocarbon solvents and additives.
- Vapors may cause drowsiness/dizziness at high exposure.

### SECTION 3: Composition / Information on Ingredients

#### 3.1 Substance Type: Mixture (solvent-based cleaner)

| Component                                  | Function                                | Approx. % w/w |
|--|---|---------------|
| Hydrocarbon solvent blend (aliphatic type) | Primary degreasing carrier              | 80 – 95%      |
| Auxiliary additives & stabilizers          | Improve performance & storage stability | 1 – 3%        |
| Fragrance                                  | Mask solvent odor                       | <1%           |



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### SECTION 4: First Aid Measures

- Inhalation: Remove person to fresh air. Seek medical attention if symptoms persist.
- Skin Contact: Wash with soap and water. Remove contaminated clothing.
- Eye Contact: Rinse cautiously with water for at least 15 minutes. Seek medical help if irritation continues.
- Ingestion: Do not induce vomiting. Rinse mouth and seek immediate medical advice.

### SECTION 5: Firefighting Measures

- Suitable Extinguishing Media: Foam, dry powder, CO<sub>2</sub>.
- Unsuitable Media: Strong water jet.
- Hazards: Vapors may form explosive mixtures with air.
- Firefighters: Use self-contained breathing apparatus.

### SECTION 6: Accidental Release Measures

- Personal Precautions: Remove ignition sources, ventilate area, avoid skin/eye contact.
- Environmental Precautions: Prevent entry into drains/soil.
- Cleanup: Absorb with inert material (sand/earth), collect in safe container.

### SECTION 7: Handling and Storage

- Handling: Use in well-ventilated areas, away from flames or sparks. Avoid contact with skin/eyes.
- Storage: Store in tightly closed containers, in a cool, dry, ventilated place. Keep away from ignition sources.

### SECTION 8: Exposure Controls / Personal Protection

- Eye Protection: Safety goggles.
- Skin Protection: Chemical-resistant gloves.
- Respiratory Protection: Use organic vapor mask if ventilation is inadequate.
- Hygiene: Wash hands after handling.

### SECTION 9: Physical and Chemical Properties

- Odor: Mild solvent/fragrance
- Flash Point: ~40°C (Closed cup)
- Density: ~0.77 – 0.80 g/cm<sup>3</sup>
- Solubility: Insoluble in water, soluble in oils/grease

### SECTION 10: Stability and Reactivity

- Stable under normal use conditions.
- Avoid sources of ignition, oxidizing agents.
- Decomposition may produce carbon oxides, irritating fumes.

### SECTION 11: Toxicological Information

- May cause skin dryness or irritation.
- Eye contact causes irritation.
- Prolonged inhalation of vapors may cause dizziness.

### SECTION 12: Ecological Information

- Harmful to aquatic life with long-lasting effects.
- Prevent uncontrolled release to environment.

### SECTION 13: Disposal Considerations

- Dispose of product/packaging as hazardous waste in accordance with regulations.
- Do not pour into drains or natural waters.



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### SECTION 14: Transport Information

- UN Number: UN 1993 (Flammable liquid, n.o.s.)
- Hazard Class: 3 (Flammable liquid)
- Packing Group: III

### SECTION 15: Regulatory Information

- Classified and labeled according to GHS/CLP.
- Complies with local chemical safety regulations.

### SECTION 16: Other Information

- Intended Use: Dry cleaning of automotive engines.
- Professional use only.
- Do not spray on hot engines or live electrical parts.
- Revision Date: 2nd October 2025.