

## SAFETY DATA SHEET

### RZ 22D Diesel System Clean

Prepared in accordance with Safe Work Australia's GHS Revision 7 (2020)

#### SECTION 1: Identification of the substance and supplier

Product Name: RZ 22D Diesel System Clean

Recommended Use: Diesel fuel additive for system protection

Supplier: RZ Oil

Address: Level 14, 3 Parramatta Square, Parramatta NSW 2150

ABN: 64 575 794 510

Emergency Contact: Poisons Information Centre (Australia-wide): 13 11 26

#### SECTION 2: Hazard(s) Identification

Classification:

- Aspiration Hazard – Category 1
- Acute Toxicity (Inhalation) – Category 4
- Specific Target Organ Toxicity (Single Exposure) – Category 3
- Aquatic Chronic – Category 2
- Signal Word: Danger
- Hazard Statements:
  - H304: May be fatal if swallowed and enters airways
  - H332: Harmful if inhaled
  - H336: May cause drowsiness or dizziness
  - H411: Toxic to aquatic life with long lasting effects
- Precautionary Statements:
  - P101, P102, P103, P260, P271, P273, P301+P310, P331, P304+P340, P405, P501

#### SECTION 3: Composition / Information on Ingredients

- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics – >80–≤100% – H304, H332, H336, H411
- Distillates (petroleum), hydrotreated light – ≥5–<10% – H304, H332, H336, H411
- Solvent naphtha (petroleum), light arom. – ≥1–<3% – H304, H332, H336, H411
- Naphthalene – ≥0.1–<1% – H351, H302, H400, H410
- 1,2,4-trimethylbenzene – ≥0.1–<1% – H226, H315, H319, H335, H411

#### SECTION 4: First Aid Measures

- Inhalation: Move to fresh air. Seek medical advice if unwell.
- Skin Contact: Wash with soap and water.
- Eye Contact: Rinse cautiously with water for several minutes; remove contact lenses if present.
- Ingestion: Do not induce vomiting. Call Poisons Centre immediately (13 11 26).

## SECTION 5: Firefighting Measures

- Extinguishing Media: CO<sub>2</sub>, powder, water spray, foam
- Hazards: Vapours may be flammable
- Protection: Wear standard firefighting protective equipment

## SECTION 6: Accidental Release Measures

- Personal Precautions: Avoid breathing vapour; ensure adequate ventilation.
- Spill Cleanup: Absorb with sand or inert material.
- Environmental: Prevent entry into drains/waterways.

## SECTION 7: Handling and Storage

- Handling: Avoid breathing vapour; prevent contact with skin/eyes.
- Storage: Store in a cool, well-ventilated place away from ignition sources.

## SECTION 8: Exposure Controls / Personal Protection

- Engineering Controls: Ensure adequate ventilation.
- Personal Protection: Gloves, goggles, respirator with A/P2 filter.
- Exposure Standards: Naphthalene: TWA 10 ppm (52 mg/m<sup>3</sup>)

## SECTION 9: Physical and Chemical Properties

- Appearance: Clear to light yellow liquid
- Boiling Point: 180–250°C
- Flash Point: 65°C
- Density: 0.81 g/cm<sup>3</sup>
- Solubility: Not miscible in water

## SECTION 10: Stability and Reactivity

- Stable under normal conditions of storage and handling.
- Avoid heat, sparks, open flames.
- Incompatible with strong oxidising agents.

## SECTION 11: Toxicological Information

- Aspiration hazard if swallowed.
- Harmful by inhalation.
- May cause drowsiness or dizziness.
- Relevant LD50: Hydrocarbons >5000 mg/kg oral (rat)

## SECTION 12: Ecological Information

- Toxic to aquatic life with long lasting effects.
- Prevent release into the environment.

## SECTION 13: Disposal Considerations

- Dispose of contents/container in accordance with local regulations.
- Do not dispose into drains.

## SECTION 14: Transport Information

- Not classified as Dangerous Goods under ADG Code.

## SECTION 15: Regulatory Information

- Classified as hazardous under Safe Work Australia GHS.
- Not a scheduled poison.

## SECTION 16: Other Information

Prepared in accordance with the Model Work Health and Safety Regulations and GHS Revision 7.

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