

## SAFETY DATA SHEET

### RZ 30G Octane Booster

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

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

Product Name: RZ30G Octane Booster

Recommended Use: Fuel additive

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
- Skin Irritation – Category 2
- Eye Irritation – Category 2
- Aquatic Chronic – Category 3
- Signal Word: Danger
- Hazard Statements:
  - H304: May be fatal if swallowed and enters airways
  - H315: Causes skin irritation
  - H319: Causes serious eye irritation
  - H412: Harmful to aquatic life with long lasting effects
- Precautionary Statements:
  - P101, P102, P103, P301+P310, P331, P305+P351+P338, P405, P501

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

- Naphtha (petroleum), hydrotreated heavy –  $>80\text{--}\leq 100\%$  – H304, EUH066
- Solvent naphtha (petroleum), heavy arom. –  $2.5\text{--}\leq 5\%$  – H304, H336, H411
- 2-Ethyl-1-hexanol –  $1\text{--}\leq 5\%$  – H332, H315, H319, H335
- Distillates (petroleum), hydrotreated light –  $1\text{--}\leq 5\%$  – H304, EUH066
- Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl) –  $\geq 1\text{--}< 3\%$  – H318, H315
- 1,2,4-trimethylbenzene –  $\geq 0.1\text{--}< 0.25\%$  – H226, H411, H332, H315, H319, H335
- 2,2'-iminodiethanol –  $\geq 0.1\text{--}< 1\%$  – H373, H318, H302, H315
- Naphthalene –  $\geq 0.01\text{--}< 0.025\%$  – H351, H400, H410, H302

#### SECTION 4: First Aid Measures

- Inhalation: Move to fresh air. Seek medical attention if symptoms occur.
- Skin Contact: Wash with soap and water.
- Eye Contact: Rinse cautiously with water. 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: Use standard firefighting gear

## SECTION 6: Accidental Release Measures

- Personal Precautions: Avoid contact with skin/eyes. Ensure ventilation.
- Spill Cleanup: Absorb with sand or inert material.
- Environmental: Prevent entry into drains/waterways.

## SECTION 7: Handling and Storage

- Handling: Avoid skin and eye contact. Do not breathe vapour.
- Storage: Store in a cool, well-ventilated area away from ignition sources.

## SECTION 8: Exposure Controls / Personal Protection

- Engineering Controls: Ensure good ventilation.
- Personal Protection: Gloves, goggles, and suitable respirator (A/P2 filter).
- Exposure Standards: 2-Ethyl-1-hexanol: TWA 5.4 mg/m<sup>3</sup>, 1 ppm

## SECTION 9: Physical and Chemical Properties

- Appearance: Light orange liquid
- Boiling Point: 175–230°C
- Flash Point: 62°C
- Density: 0.803 g/cm<sup>3</sup>
- Solubility: Not miscible in water

## SECTION 10: Stability and Reactivity

- Stability: Stable under normal conditions
- Conditions to Avoid: Heat, sparks, open flames
- Incompatible Materials: Strong oxidising agents

## SECTION 11: Toxicological Information

- Acute Effects: Skin and eye irritant, aspiration hazard
- Chronic Effects: May cause organ damage with prolonged exposure
- Relevant LD50 Values: Naphtha >5000 mg/kg oral (rat), >3000 mg/kg dermal (rabbit)

## SECTION 12: Ecological Information

- Ecotoxicity: Harmful to aquatic organisms
- Persistence: Components may persist
- Mobility: Limited in water; floats

## SECTION 13: Disposal Considerations

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

## SECTION 14: Transport Information

- Not classified as Dangerous Goods under the ADG Code for transport.

## SECTION 15: Regulatory Information

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

## SECTION 16: Other Information

This SDS was prepared in accordance with the Model Work Health and Safety Regulations and GHS Revision 7.

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