

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Revision: 04.02.2021

Trade name: Rislone® Diesel Fuel System Treatment - Right Side

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9 Physical and chemical properties

· Information on basic physical and chemical properties

· Appearance

Form: Liquid
Colour: Clear to light yellow.

· **Odour:** Mineral-oil-like
 · **Odour threshold:** Not determined.

· **pH-value:** Not determined.
 · **Melting point/freezing point:** Not determined.
 · **Initial boiling point and boiling range:** Not determined.

· **Flash point:** 57 °C (134.6 °F)

· **Auto/Self-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· Explosion limits

Lower: Not determined.
Upper: Not determined.

· **Oxidising properties:** Non-oxidising.

· **Vapour pressure:** Not determined.

· Density:

Relative density: Not determined.
Vapour density: Not determined.
Evaporation rate: Not determined.

· Solubility in / Miscibility with water:

Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.

· Viscosity

Dynamic: Not determined.
Kinematic: Not determined.

· **Other information:** No further relevant information available.

10 Stability and reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.

· Possibility of hazardous reactions

Flammable liquid and vapour.

Used empty containers may contain product gases which form explosive mixtures with air.

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.

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- **Conditions to avoid** Keep ignition sources away - Do not smoke.
- **Incompatible materials** Oxidising agents
- **Hazardous decomposition products** Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** None.
- **Primary irritant effect**
- **Skin corrosion/irritation:** Irritant to skin and mucous membranes.
- **Serious eye damage/irritation:** Causes eye irritation.
- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.

- **IARC (International Agency for Research on Cancer):**

111-76-2	2-butoxyethanol	3
1330-20-7	Xylene	3
98-82-8	Cumene	2B
91-20-3	Naphthalene	2B

- **Probable routes of exposure:**

Ingestion.
Inhalation.
Eye contact.
Skin contact.

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** May be fatal if swallowed and enters airways.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:**
Harmful to aquatic life with long lasting effects.

64742-94-5 Solvent naphtha (petroleum), heavy arom.

LC50 | 3.6 mg/l (Oncorhynchus mykiss)

91-20-3 Naphthalene

LC50 | 1-10 mg/l (daphnia)

- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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Danger to drinking water if even extremely small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

· **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**

· **DOT** NA1993

· **ADG, IMDG, IATA** UN1268

· **UN proper shipping name**

· **DOT** Combustible liquid, n.o.s. (Distillates (petroleum), hydro- treated light, 2-butoxyethanol)

· **ADG, IMDG** PETROLEUM DISTILLATES, N.O.S.

· **IATA** Petroleum distillates. n.o.s.

· **Transport hazard class(es)**

· **DOT**



· **Class** 3

· **Label** 3

· **ADG**



· **Class** 3 (F1)

· **Label** 3

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· IMDG, IATA



· Class	3
· Label	3

· Packing group	III
· DOT, ADG, IMDG, IATA	III

· Environmental hazards:	Not applicable.
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· Special precautions for user	Warning: Flammable liquids.
· Danger code (Kemler):	30
· EMS Number:	F-E,S-E

· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
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· Transport/Additional information:

· DOT	Classified as combustible under US DOT regulations. Labeling is only required for single packages 119 US gal / 450 L.
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· ADG	
· Transport category	3
· Tunnel restriction code	D/E

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

· IARC (International Agency for Research on Cancer)

98-82-8	Cumene	2B
91-20-3	Naphthalene	2B

· Australia

· Australian Inventory of Chemical Substances

All ingredients are listed.

· Standard for the Uniform Scheduling of Medicines and Poisons

Hydrocarbon Liquids	S6
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· New Zealand HSR002583

· New Zealand Inventory of Chemicals (NZIOC)

All ingredients are listed.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Relevant phrases

H226 Flammable liquid and vapour.
 H227 Combustible liquid.
 H228 Flammable solid.
 H302 Harmful if swallowed.
 H303 May be harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H312 Harmful in contact with skin.
 H313 May be harmful in contact with skin.
 H315 Causes skin irritation.
 H316 Causes mild skin irritation.
 H319 Causes serious eye irritation.
 H320 Causes eye irritation.
 H332 Harmful if inhaled.
 H333 May be harmful if inhaled.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H351 Suspected of causing cancer. Route of exposure: Inhalation.
 H400 Very toxic to aquatic life.
 H401 Toxic to aquatic life.
 H402 Harmful to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

• Abbreviations and acronyms:

ADG: Australian Dangerous Goods Code
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bio-accumulable, Toxic
 vPvB: very Persistent and very Bioaccumulative
 Flam. Liq. 3: Flammable liquids – Category 3
 Flam. Liq. 4: Flammable liquids – Category 4
 Flam. Sol. 2: Flammable solids – Category 2
 Acute Tox. 4: Acute toxicity – Category 4
 Acute Tox. 5: Acute toxicity – Category 5
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Skin Corr. 3: Skin corrosion/irritation – Category 3
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
 Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B
 Carc. 2: Carcinogenicity – Category 2
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 Asp. Tox. 1: Aspiration hazard – Category 1
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
 Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2
 Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3

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Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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