

Safety Data Sheet

According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of Practice

Printing date: 15.02.2016

Revision: 15.02.2016

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name: Rislone® Fuel Injector Cleaner with Upper Cylinder Lubricant**
- **Product code: 44701**
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture:** Consumer product fuel cleaner
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Rislone
P.O. Box 187
Holly, MI 48442 USA
Phone: (810) 603-1321
- **Distributor:**



- **Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

- **Classification (Australia, New Zealand)**
Australia NOHSC – Non -Hazardous Substance (Classified according to Worksafe Australia NOHSC 2011 National Code of Practice)
Australia ADG – Non-Dangerous Goods (Classified according to National Transport Commission Australian Dangerous Goods Code)
New Zealand HSNO - Hazardous (Classified according to the Minimum Degrees of Hazard Regulations 2001)
- **Hazard statements (New Zealand HSNO Classification)**
HSNO 6.1E Skin Tox. 5 H313 May be harmful in contact with skin.
HSNO 6.1E Inh. Tox. 5 H333 May be harmful if inhaled.
HSNO 9.1D Aquatic Acute 3 H402 Harmful to aquatic life.
HSNO 9.2C H423 Harmful to the soil environment.
HSNO 9.3C H433 Harmful to terrestrial vertebrates.
- **GHS label elements**
Classifications listed also are applicable to the Australian and the New Zealand Codes of Practice for the writing of Safety Data Sheets.
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms** Not Regulated
- **Signal word**
Required only for New Zealand.
Warning
- **Hazard-determining components of labelling:** Not applicable.
- **Hazard statements**
Hazard Statements are only applicable to New Zealand and not to Australia.

(Cont'd. on page 2)

Safety Data Sheet

According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of Practice

Printing date: 15.02.2016

Revision: 15.02.2016

Trade name: Rislone® Fuel Injector Cleaner with Upper Cylinder Lubricant

(Cont'd. from page 1)

H423 Harmful to the soil environment.
 H433 Harmful to terrestrial vertebrates.
 H313 May be harmful in contact with skin.
 H333 May be harmful if inhaled.
 H402 Harmful to aquatic life.

Precautionary statements

Precautionary Statements are only applicable to New Zealand and not to Australia.

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P273 Avoid release to the environment.

P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

Results of PBT and vPvB assessment· **PBT:** Not applicable.· **vPvB:** Not applicable.

3 Composition/information on ingredients

Chemical characterisation: Mixtures**Components:**

64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic Carc. 1B, H350	90-100%
64742-47-8	Distillates (petroleum), hydrotreated light Asp. Tox. 1, H304 Flam. Liq. 4, H227	9-10%
64742-95-6	Solvent naphtha (petroleum), light arom. Flam. Liq. 3, H226 Muta. 1B, H340; Carc. 1B, H350; Asp. Tox. 1, H304	0.1-1%
732-26-3	Polyolefin alkyl STOT RE 2, H373 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute Tox. 4, H302	0.1-1%
95-63-6	1,2,4-trimethylbenzene Flam. Liq. 3, H226 Aquatic Chronic 2, H411 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	0.1-1%

Additional information:

Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This product meets these requirements.

For the listed ingredient(s), the identity and exact percentages are being withheld as a trade secret.

For the wording of the listed Hazard Statements refer to section 16.

4 First aid measures

Description of first aid measures

· **General information:** No special measures required.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

(Cont'd. on page 3)

Safety Data Sheet

According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of Practice

Printing date: 15.02.2016

Revision: 15.02.2016

Trade name: Rislone® Fuel Injector Cleaner with Upper Cylinder Lubricant

(Cont'd. from page 2)

- **After skin contact:**
Clean with water and soap.
If skin irritation is experienced, consult a doctor.
- **After eye contact:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
- **Most important symptoms and effects, both acute and delayed**
Slight irritant effect on eyes.
Slight irritant effect on skin and mucous membranes.
Nausea in case of ingestion.
Gastric or intestinal disorders when ingested.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Foam
Gaseous extinguishing agents
Fire-extinguishing powder
Carbon dioxide
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information:** No further relevant information available.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
Particular danger of slipping on leaked/spilled product.
- **Environmental precautions**
Do not allow to enter sewers/ surface or ground water.
Prevent from spreading (e.g. by damming-in or oil barriers).
- **Methods and material for containment and cleaning up**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Remove from the water surface (e.g. skim or suck off).
Dispose of the material collected according to regulations.
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

(Cont'd. on page 4)

Safety Data Sheet

According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of Practice

Printing date: 15.02.2016

Revision: 15.02.2016

Trade name: Rislone® Fuel Injector Cleaner with Upper Cylinder Lubricant

(Cont'd. from page 3)

See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Prevent formation of aerosols.
Use only in well ventilated areas.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidising agents.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

95-63-6 1,2,4-trimethylbenzene

REL (USA)	Long-term value: 125 mg/m ³ , 25 ppm
TLV (USA)	Long-term value: 123 mg/m ³ , 25 ppm

- **DNELs:** No further relevant information available.
- **PNECs:** No further relevant information available.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes.
Avoid close or long term contact with the skin.
- **Respiratory protection:**
Not required under normal conditions of use.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when aerosol or mist is formed.
For spills, respiratory protection may be advisable.
- **Protection of hands:**



Protective gloves

(Cont'd. on page 5)

Safety Data Sheet

According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of Practice

Printing date: 15.02.2016

Revision: 15.02.2016

Trade name: Rislone® Fuel Injector Cleaner with Upper Cylinder Lubricant

(Cont'd. from page 4)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Eye protection:**



Safety glasses

- **Limitation and supervision of exposure into the environment:** No special requirements.
- **Risk management measures:** No special requirements.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **Appearance**

Form: Slightly viscous liquid

Colour: Yellowish-gold

- **Odour:** Petroleum-like

- **Odour threshold:** Not determined.

- **pH-value:** Not determined.

- **Melting point/Melting range:** Not determined.

- **Boiling point/Boiling range:** Not determined.

- **Flash point:** 102 °C (216 °F)

- **Flammability (solid, gaseous):** Not applicable.

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

- **Decomposition temperature:** Not determined.

- **Self-igniting:** Product is not self-igniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits**

Lower: Not determined.

Upper: Not determined.

- **Oxidising properties** Not determined.

- **Vapour pressure:** Not determined.

- **Density at 20 °C (68 °F):** 0.853 g/cm³ (7.118 lbs/gal)

- **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.

(Cont'd. on page 6)

Safety Data Sheet

According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of Practice

Printing date: 15.02.2016

Revision: 15.02.2016

Trade name: Rislone® Fuel Injector Cleaner with Upper Cylinder Lubricant

(Cont'd. from page 5)

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.
To avoid thermal decomposition do not overheat.
- **Possibility of hazardous reactions**
Toxic fumes may be released if heated above the decomposition point.
Reacts with strong acids and oxidising agents.
- **Conditions to avoid**
Keep away from heat and direct sunlight.
Store away from oxidising agents.
- **Incompatible materials** No further relevant information available.
- **Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Hydrocarbons

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** None.
- **Primary irritant effect**
- **Skin corrosion/irritation:** Slight irritant effect on skin and mucous membranes.
- **Serious eye damage/irritation:** Slight irritant effect on eyes.
- **Respiratory or skin sensitisation:** No sensitising effects known.

IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

- **Probable routes of exposure:**
Ingestion.
Inhalation.
Eye contact.
Skin contact.
- **Acute effects (acute toxicity, irritation and corrosivity):**
May be harmful if inhaled.
May be harmful in contact with skin.
- **Repeated dose toxicity:** Repeated exposure may cause skin dryness or cracking.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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:** Based on available data, the classification criteria are not met.

(Cont'd. on page 7)

Safety Data Sheet

According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of Practice

Printing date: 15.02.2016

Revision: 15.02.2016

Trade name: Rislone® Fuel Injector Cleaner with Upper Cylinder Lubricant

(Cont'd. from page 6)

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

732-26-3 Polyolefin alkyl

LC50 | 0.061 mg/l (zebra fish)

- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **New Zealand HSNO Environmental Code(s)**
 HSNO Class 9.1D =Harmful to aquatic life.
 HSNO Class 9.2C =Harmful to the soil environment.
 HSNO Class 9.3C =Harmful to terrestrial vertebrates.
- **Ecotoxicological effects:**
- **Remark:** Due to mechanical actions of the product (e.g. agglutinations), damages may occur.
- **Additional ecological information:**
- **General notes:**
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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**
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.
 Contact waste processors for recycling information.
 Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
- **Uncleaned packaging:**
- **Recommendation:**
 Disposal must be made according to official regulations.
 Packagings that may not be cleansed are to be disposed of in the same manner as the product.

14 Transport information

- **UN-Number**
- **DOT, ADG, IMDG, IATA** Not Regulated
- **UN proper shipping name**
- **DOT, ADG, IMDG, IATA** Not Regulated
- **Transport hazard class(es)**
- **DOT, ADG, IMDG, IATA**
- **Class** Not Regulated
- **Packing group**
- **DOT, ADG, IMDG, IATA** Not Regulated
- **Environmental hazards:** Not applicable.
- **Special precautions for user** Not applicable.

(Cont'd. on page 8)

Safety Data Sheet

According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of Practice

Printing date: 15.02.2016

Revision: 15.02.2016

Trade name: Rislone® Fuel Injector Cleaner with Upper Cylinder Lubricant

(Cont'd. from page 7)

- **Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

· Section 355 (extremely hazardous substances):
None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):
None of the ingredients are listed.

· TSCA (Toxic Substances Control Act):
All ingredients are listed.

· Carcinogenic Categories

· IARC (International Agency for Research on Cancer)
None of the ingredients are listed.

· Australian Inventory of Chemical Substances
All ingredients are listed.

· Standard for the Uniform Scheduling of Medicines and Poisons	
TGA Schedule 5 poison (Hydrocarbon Liquids)	S5

· HSNO Chemical Classification and Information Database (CCID)	
1330-20-7	xylene
100-41-4	ethylbenzene

· New Zealand Inventory of Chemicals (NZIOC)
All ingredients are listed.

· Chemical safety assessment

New Zealand

Group Standard Allocation and EPA Approval Code:

Fuel Additives (Subsidiary Hazard) Group Standard 2006

HSNO Approval-HSR002585

HSNO Control & Classes: 6.1E, 9.1D, 9.2C, 9.3C Trigger quantities for this substance: Trigger Quantity

Approved Handler Not Required

Location Certificate Not Required

Tracking Trigger Quantities Not applicable

Signage Trigger Quantities 10 000L (9.1D)

Emergency Response Plan trigger Quantities 10 000L (9.1D)

- **Named dangerous substances - ANNEX I** None of the ingredients are listed.

· Other regulations, limitations and prohibitive regulations

· Substances of very high concern (SVHC) according to REACH, Article 57
None of the ingredients are listed.

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.

(Cont'd. on page 9)

Safety Data Sheet

According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of Practice

Printing date: 15.02.2016

Revision: 15.02.2016

Trade name: Rislone® Fuel Injector Cleaner with Upper Cylinder Lubricant

(Cont'd. from page 8)

· Relevant phrases

H226 Flammable liquid and vapour.
 H227 Combustible liquid.
 H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H340 May cause genetic defects.
 H350 May cause cancer.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H411 Toxic to aquatic life with long lasting effects.

· Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 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)
 DNEL: Derived No-Effect Level (REACH)
 PNEC: Predicted No-Effect Concentration (REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 SVHC: Substances of Very High Concern
 vPvB: very Persistent and very Bioaccumulative
 Flam. Liq. 3: Flammable liquids, Hazard Category 3
 Flam. Liq. 4: Flammable liquids, Hazard Category 4
 Acute Tox. 4: Acute toxicity, Hazard Category 4
 Acute Tox. 5: Acute toxicity, Hazard Category 5
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
 Muta. 1B: Germ cell mutagenicity, Hazard Category 1B
 Carc. 1B: Carcinogenicity, Hazard Category 1B
 STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
 STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
 Asp. Tox. 1: Aspiration hazard, Hazard Category 1
 Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1
 Aquatic Acute 3: Hazardous to the aquatic environment - AcuteHazard, Category 3
 Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
 Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

· Sources

Website, European Chemicals Agency (echa.europa.eu)
 Website, US EPA Substance Registry Services (ofmpub.epa.gov/sorinternet/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., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.
 Safety Data Sheets, Individual Manufacturers

SDS Prepared by:
 ChemTel Inc.
 1305 North Florida Avenue

(Cont'd. on page 10)

Safety Data Sheet
According to Australia NOHSC (2011) and NZ HSNO (2006) Codes of
Practice

Printing date: 15.02.2016

Revision: 15.02.2016

Trade name: Rislone® Fuel Injector Cleaner with Upper Cylinder Lubricant

(Cont'd. from page 9)

Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com