

Safety Data Sheet

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

Printing date 18.02.2015

Revision: 18.02.2015

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

- **Product identifier**
- **Trade name:** Rislone® Engine Oil Stop Leak Concentrate
- **Article number:** 44209
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Sealant
- **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:**
Smits Group Pty Ltd.
59 Greenmount Dr
East Tamaki, Auckland, New Zealand
Phone: NZ 09 274 6871 AUS 1800883 888
- **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 - Non-Hazardous (Classified according to the Minimum Degrees of Hazard Regulations 2001)
- **Hazard pictograms** Not Regulated
- **Signal word** Not Regulated
- **Hazard statements** Not Regulated
- **Hazard description:**
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

(Contd. on page 2)

Safety Data Sheet

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

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Trade name: Rislone® Engine Oil Stop Leak Concentrate

(Contd. of page 1)

3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	>75%
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	5-10%
25038-36-2	Ethylene/propylene/diene terpolymer ⚠ Eye Irrit. 2A, H319	1-5%
103-23-1	bis(2-ethylhexyl) adipate ⚠ Aquatic Acute 1, H400 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	1-5%

· Additional information:

Petroleum-based ingredients pass the IP-346 assay for polycyclic aromatic compounds.

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.
- **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.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
Slight irritant effect on eyes.
Gastric or intestinal disorders when ingested.
- **Hazards** No further relevant information available.
- **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
Carbon dioxide
Extinguishing powder. Do not use water.

(Contd. on page 3)

Safety Data Sheet

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

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Revision: 18.02.2015

Trade name: Rislone® Engine Oil Stop Leak Concentrate

(Contd. of page 2)

- **For safety reasons unsuitable extinguishing agents:** Water
- **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.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
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.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
No special precautions are necessary if used correctly.
Prevent formation of aerosols.
- **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:** No special requirements.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidising agents.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

(Contd. on page 4)

Safety Data Sheet

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Revision: 18.02.2015

Trade name: Rislone® Engine Oil Stop Leak Concentrate

(Contd. of page 3)

- **Control parameters**

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

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **DNELs** No further relevant information available.

- **PNECs** No further relevant information available.

- **Additional information:** The lists valid during the making were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid contact with the eyes.

Avoid close or long term contact with the skin.

Do not inhale gases / fumes / aerosols.

Wash hands before breaks and at the end of work.

- **Respiratory protection:**

Not required under normal conditions of use.

For spills, respiratory protection may be advisable.

Use suitable respiratory protective device when aerosol or mist is formed.

- **Protection of hands:**

Rubber gloves

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

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Safety glasses

- **Body protection:** Oil resistant protective clothing

- **Limitation and supervision of exposure into the environment**

No further relevant information available.

- **Risk management measures**

See Section 7 for additional information.

No further relevant information available.

(Contd. on page 5)

Safety Data Sheet

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

Printing date 18.02.2015

Revision: 18.02.2015

Trade name: Rislone® Engine Oil Stop Leak Concentrate

(Contd. of page 4)

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Liquid
Colour:	Amber coloured
Odour:	Characteristic
Odour threshold:	Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/Melting range:	Not Determined.
Boiling point/Boiling range:	>260 °C

· Flash point: >183 °C

· 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.

· Vapour pressure: Not determined.

· Density at 15.6 °C (60 °F): 0.89 - 0.91 g/cm³ (7.427- 7.594 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.

10 Stability and reactivity

· Reactivity

· Chemical stability

· Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

(Contd. on page 6)

Safety Data Sheet

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Revision: 18.02.2015

Trade name: Rislone® Engine Oil Stop Leak Concentrate

(Contd. of page 5)

- **Possibility of hazardous reactions**
Reacts with strong oxidising agents.
Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** None.
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Slight irritant effect on eyes.
- **Sensitisation:** No sensitising effects known.
- **Additional toxicological information:**
The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** The product contains materials that are harmful to the environment.
- **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:**
Due to mechanical actions of the product (e.g. agglutinations) damages may occur.
The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen.
- **Additional ecological information:**
- **General notes:**
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
- **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.
Product is recyclable as a waste oil. Deliver unused and/or contaminated product to waste oil collectors.
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

(Contd. on page 7)

Safety Data Sheet

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

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Revision: 18.02.2015

Trade name: Rislone® Engine Oil Stop Leak Concentrate

(Contd. of page 6)

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, ADG, ADN, IMDG, IATA | Not Regulated |
| · UN proper shipping name
· DOT, ADG, ADN, IMDG, IATA | Not Regulated |
| · Transport hazard class(es)
· DOT, ADG, ADN, IMDG, IATA
· Class | Not Regulated |
| · Packing group
· DOT, ADG, IMDG, IATA | Not Regulated |
| · Environmental hazards:
· Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | - |

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.

· **Proposition 65 (California):**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

(Contd. on page 8)

Safety Data Sheet

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Revision: 18.02.2015

Trade name: Rislone® Engine Oil Stop Leak Concentrate

(Contd. of page 7)

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **Carcinogenic Categories**

· **EPA (Environmental Protection Agency)**

103-23-1 | bis(2-ethylhexyl) adipate

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· **IARC (International Agency for Research on Cancer)**

103-23-1 | bis(2-ethylhexyl) adipate

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· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients are listed.

· **MAK (German Maximum Workplace Concentration)**

None of the ingredients are listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients are listed.

· **Canada**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

103-23-1 | bis(2-ethylhexyl) adipate

· **Canadian Ingredient Disclosure list (limit 1%)**

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)

· **HSNO Chemical Classification and Information Database (CCID)**

None of the ingredients are listed.

· **New Zealand Inventory of Chemicals (NZIOC)**

All 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.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

(Contd. on page 9)

Safety Data Sheet

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Revision: 18.02.2015

Trade name: Rislone® Engine Oil Stop Leak Concentrate

(Contd. of page 8)

· **Relevant phrases**

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
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)
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

· **Sources**

SDS Prepared by:
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