

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Printing date: 08 August 2018

Revision: 08 August 2018

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

· Product identifier

- Trade name: **Rislone® Hydraulic Seal™ Hydraulic Stop Leak & Conditioner**
- Product code: 41820, 41821, 41822, 41823

· Recommended use and restriction on use

- Recommended use: Additive
- Restrictions on use: No further relevant information available.

· 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
NZ Telephone: +09 274 6871
AUS Telephone 1800883 888

· Emergency telephone number:

ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)

Emergencies within Australia - 131126 (NSW Poison Control Centre)
Emergencies within New Zealand - 0800 764 766 (National Poison Control Centre)

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 9.1C Aquatic Acute 3 H402 Harmful to aquatic life.
HSNO 9.1C Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· Label elements

- Hazard pictograms Not Regulated
- Signal word Not Regulated

· Hazard statements

Hazard Statements are only applicable to New Zealand and not to Australia.
H423 Harmful to the soil environment.
H433 Harmful to terrestrial vertebrates.
H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

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

P273 Avoid release to the environment.

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:**

CAS: 128-39-2	2,6-di-tert-butylphenol	<1%
EINECS: 204-884-0	<ul style="list-style-type: none"> ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Irrit. 2, H315 	

- **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 wording of the listed Hazard Statements refer to section 16.

4 First aid measures

- **Description of first aid measures**
- **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.
- **Most important symptoms and effects, both acute and delayed**
Slight irritant effect on eyes.
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:**

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Carbon dioxide

Foam

Gaseous extinguishing agents

Fire-extinguishing powder

- **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.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment as required.

Ensure adequate ventilation

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.

Inform respective authorities in case of seepage into water course or sewage system.

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).

Send for recovery or disposal in suitable receptacles.

Dispose of the material collected according to regulations.

- **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**

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Handle with care.

Avoid breathing mist/vapours/spray.

Keep out of reach of children.

- **Information about fire - and explosion protection:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**

- **Requirements to be met by storerooms and receptacles:**

Avoid storage near extreme heat, ignition sources or open flame.

Store in cool, dry conditions in well sealed receptacles.

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- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidising agents.
- **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:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Exposure controls**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
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 when aerosol or mist is formed.
For spills, respiratory protection may be advisable.
- **Protection of hands:**



Protective gloves

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

- **Eye protection:**



Safety glasses

- **Body protection:**
Not required under normal conditions of use.
Protection may be required for spills.
- **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:** Liquid
- **Colour:** Amber coloured
- **Odour:** Mild

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· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Melting point/freezing point:	Not determined.
· Initial boiling point and boiling range:	Not determined.
· Flash point:	>93 °C (>199.4 °F)
· Flammability (solid, gas):	Not applicable.
· Auto/Self-ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
· Oxidising properties	Non-oxidising.
· Vapour pressure:	Not determined.
· Density:	
Relative density:	<1
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 at 40 °C (104 °F):	>20.5 mm ² /s
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **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** Excessive heat and contact with oxidisers.
- **Incompatible materials** Oxidisers
- **Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Hydrocarbons

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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:** 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):**
Present in trace quantities.

108-05-4	vinyl acetate	2B
140-88-5	ethyl acrylate	2B
71-43-2	benzene	1

· 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:** Based on available data, the classification criteria are not met.

12 Ecological information

· Toxicity

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

128-39-2 2,6-di-tert-butylphenol

LC50 | 0.89 mg/l (Oncorhynchus mykiss)

- **Persistence and degradability** No further relevant information available.
- **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.
- **Additional ecological information:**
- **General notes:** Avoid release to the environment.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Contact waste processors for recycling information.

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.

- **Uncleaned packaging:**

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

14 Transport information

- **UN-Number**

- **ADG, DOT, IATA, IMDG** Not Regulated

- **UN proper shipping name**

- **ADG, DOT, IATA, IMDG** Not Regulated

- **Transport hazard class(es)**

- **ADG, DOT, IATA, IMDG**

- **Class** Not Regulated

- **Packing group**

- **ADG, DOT, IATA, IMDG** Not Regulated

- **Environmental hazards:**

- **Marine pollutant:** No

- **Special precautions for user**

Not applicable.

- **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**

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

Present in trace quantities.

108-05-4	vinyl acetate	2B
140-88-5	ethyl acrylate	2B
71-43-2	benzene	1

- **Australia**

- **Australian Inventory of Chemical Substances**

All ingredients are listed.

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· **Standard for the Uniform Scheduling of Medicines and Poisons**

Present in trace quantities: 108-88-3, 108-95-2, 71-43-2.

108-88-3	Toluene	S6
108-95-2	phenol	S2, S4, S5, S6
71-43-2	benzene	S7
	Hydrocarbon Liquids	S5

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

All 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.

· **Relevant phrases**

H315 Causes skin irritation.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.

· **Abbreviations and acronyms:**

ADG: Australian Code for the Transport of Dangerous Goods by Road & Rail
 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
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
 Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
 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/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

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