

Safety Data Sheet

according to JIS Z7253

Printing date: 03 August 2018

Revision: 24 June 2021

1 Identification

Product identifier

- Trade name: **Rislone® Hydraulic Seal™ Hydraulic Stop Leak & Conditioner**
- Product code: 61821, 61822
- Application of the substance / the mixture Additive
- Uses advised against No 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



Emergency telephone number:

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

2 Hazard(s) identification

Classification of the substance or mixture

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

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms: Not Regulated

Signal word: Not Regulated

Hazard statements:

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

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 characterization: Mixtures

Components:

128-39-2	2,6-di-tert-butylphenol	Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Skin Irrit. 2, H315	<1%
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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

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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; immediately call for medical help.
- **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 relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
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**

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- 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 collected material 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, vapors, or spray.
- Keep out of reach of children.
- **Information about protection against explosions and fires:** 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.
- **Information about storage in one common storage facility:**
- Store away from foodstuffs.
- Store away from oxidizing agents.
- **Specific end use(s)** No relevant information available.

8 Exposure controls/personal protection

- **Control parameters**
- **Components 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 for handling chemicals should be followed.
- 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.
- **Breathing equipment:**

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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
Color: Amber colored

· **Odor:** Mild

· **Odor threshold:** Not determined.

· **pH-value:** Not determined.

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

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

· **Flash point:** >221 °C

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

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

· **Decomposition temperature:** Not determined.

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

· **Explosion limits**

Lower: Not determined.

Upper: Not determined.

· **Oxidizing properties:** Non-oxidizing.

· **Vapor pressure:** Not determined.

· **Density:**

Relative density: <1

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Vapor 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: >20.5 mm²/s
 · **Other information** No relevant information available.

10 Stability and reactivity

- **Reactivity:** No 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 oxidizing agents.
- **Conditions to avoid** Excessive heat and contact with oxidizers.
- **Incompatible materials** Oxidizers
- **Hazardous decomposition products**
 Carbon monoxide and carbon dioxide
 Hydrocarbons

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:** None.
- **Primary irritant effect:**
- **On the skin:** Slight irritant effect on skin and mucous membranes.
- **On the eye:** Slight irritant effect on eyes.
- **Sensitization:** No sensitizing effects known.
- **IARC (International Agency for Research on Cancer):**
 Present in trace quantities.

140-88-5	ethyl acrylate
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2B

- **Probable route(s) of exposure:**
 Ingestion.
 Inhalation.
 Eye contact.

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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)
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- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No 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 relevant information available.

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 packagings**

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

14 Transport information

- **UN-Number**

- **DOT, ADR, IMDG, IATA**

Not Regulated

- **UN proper shipping name**

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· DOT, ADR, IMDG, IATA	Not Regulated
· Transport hazard class(es)	
· DOT, ADR, IMDG, IATA · Class	Not Regulated
· Packing group · DOT, ADR, 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.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Chemical Substance Control Law

· Existing Chemical Substances

64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic	
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	
64742-52-5	distillates (petroleum), hydrotreated heavy naphthenic	
128-39-2	2,6-di-tert-butylphenol	3-526
25038-36-2	Ethylene/propylene/diene terpolymer	6-47
104-76-7	2-Ethyl-1-hexanol	2-217
101-02-0	triphenyl phosphite	3-2501
9003-27-4	1-Propene, 2-methyl, homopolymer	6-774
108-88-3	Toluene	3-60
108-31-6	maleic anhydride	2-1101
108-95-2	phenol	3-481
140-88-5	ethyl acrylate	2-988

· Specified Chemical Substances

None of the ingredients are listed.

· Monitoring /Type II Monitoring (before amendment) /Type III Monitoring (before amendment) Chemical Substances

128-39-2	2,6-di-tert-butylphenol	旧第三種監視化学物質
104-76-7	2-Ethyl-1-hexanol	旧第二種監視化学物質

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108-88-3	Toluene	旧第二種監視化学物質
108-31-6	maleic anhydride	旧第二種監視化学物質
108-95-2	phenol	旧第二種監視化学物質
140-88-5	ethyl acrylate	旧第二種監視化学物質

· Priority Assessment Chemical Substances

128-39-2	2,6-di-tert-butylphenol
104-76-7	2-Ethyl-1-hexanol
108-88-3	Toluene
108-95-2	phenol
140-88-5	ethyl acrylate

· Chemical Substances Relating to a Public Notice Pursuant to The Provisions of Paragraph 4 of Article 4 of the Former Act

None of the ingredients are listed.

· Biodegradation and Bioconcentration of Existing Chemical Substances

128-39-2	2,6-di-tert-butylphenol
104-76-7	2-Ethyl-1-hexanol
108-88-3	Toluene
108-31-6	maleic anhydride
108-95-2	phenol
140-88-5	ethyl acrylate

· Toxicity Tests Results

None of the ingredients are listed.

· PRTR Class 1 designated substances

None of the ingredients are listed.

· PRTR Class 2 designated substances

None of the ingredients are listed.

· Poisonous and Deleterious Substances Control Act - Deleterious Substances

108-88-3	Toluene
108-31-6	maleic anhydride
108-95-2	phenol

· Poisonous and Deleterious Substances Control Act - Poisonous Substances

None of the ingredients are listed.

· Poisonous and Deleterious Substances Control Act - Specified Poisonous Substances

None of the ingredients are listed.

· Industrial Safety and Health Act

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· Dangerous substances
· Explosive substances (Enforcement Ordinance Appendix 1 No. 1)

None of the ingredients are listed.

· Combustible substances (Enforcement Ordinance Appendix 1 No. 2)

None of the ingredients are listed.

· Oxidizing substances (Enforcement Ordinance Appendix 1 No. 3)

None of the ingredients are listed.

· Inflammable substances (Enforcement Ordinance Appendix 1 No. 4)

None of the ingredients are listed.

· Combustible gases (Enforcement Ordinance Appendix 1 No. 5)

None of the ingredients are listed.

· Specified Chemical Substances
· Group-1 substances

None of the ingredients are listed.

· Group-2 substances

None of the ingredients are listed.

· Group-3 substances

108-95-2 | phenol

· Hazardous Materials Requiring Notification (Appendix 9)

64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic | 168

64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic | 168

64742-52-5 | distillates (petroleum), hydrotreated heavy naphthenic | 168

· Manufacturing licence-substances

None of the ingredients are listed.

· Ordinance on Prevention of Lead Poisoning (Enforcement Ordinance Appendix 4)

None of the ingredients are listed.

· Ordinance on Prevention of Tetraalkyl Lead Poisoning (Enforcement Ordinance Appendix 5)

None of the ingredients are listed.

· Organic Solvent Poisoning Prevention Regulations (Enforcement Ordinance Appendix 6-2)
· First-class organic solvents, etc.

None of the ingredients are listed.

· Second-class organic solvents, etc.

108-88-3 | Toluene

· Third-class organic solvents, etc.

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.

· Abbreviations and acronyms:

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ADR: 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

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

PRTR: Law concerning Pollutant Release and Transfer Register

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

SourcesWebsite, 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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