

Safety Data Sheet

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According to The Model Work Health and Safety Regulations, and the
Globally Harmonized System of Classification and Labelling of
Chemicals 7th Revised Edition

Revision: 13 December 2022

Printing Date: 12 October 2018

1. Identification

Product identifier

Trade name: Rislone® Hy-per Cool Super Coolant
Product code: 41300

Recommended use and restriction on use

Recommended use: Coolant/Anti-freeze.

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.
50 Radius Drive
Larapinda
QLD 4110
Australia
AUS Telephone 1800 883 888

Emergency telephone number:

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

Australia (02)131126 (NSW Poison Control Centre)
New Zealand 0800 764 766 (National Poison Control Centre)

2. Hazards identification

Classification of the substance or mixture

Eye Dam. 1 H318 Causes serious eye damage.
Repr. 2 H361 Suspected of damaging fertility or the unborn child.
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:



GHS05 GHS08

Signal word: Danger

Hazard Statements:

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H318 Causes serious eye damage.
H361 Suspected of damaging fertility or the unborn child.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P308+P313 If exposed or concerned: Get medical advice/attention.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard description:

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 and information on ingredients

Chemical characterization: Mixtures

Components:		
CAS: 3164-85-0 EINECS: 221-625-7	Potassium 2-ethylhexanoate Repr. 2, H361 Eye Dam. 1, H318 Skin Irrit. 2, H315	<5%
CAS: 2492-26-4 EINECS: 219-660-8	Sodium benzothiazole-2-yl sulphide Met. Corr. 1, H290; Skin Corr. 1C, H314; Eye Dam. 1, H318 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Skin Sens. 1, H317	<1%
CAS: 9036-19-5 EC number: 618-541-1	2-(2-[4-(1, 1, 3, 3-Tetramethylbutyl)phenoxy]ethoxy)ethanol Eye Dam. 1, H318 Aquatic Chronic 2, H411 Acute Tox. 4, H302 Aquatic Acute 2, H401	<1%

SVHC	
9036-19-5	Polyethylene glycol octylphenyl ether

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4. First-aid measures

Description of first aid measures

After inhalation:

Supply fresh air; consult doctor in case of complaints.
Provide oxygen treatment if affected person has difficulty breathing.

After skin contact:

Wash with soap and water.
Seek medical treatment in case of complaints.

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:

Do not induce vomiting; call for medical help immediately.

Most important symptoms and effects, both acute and delayed:

Gastric or intestinal disorders when ingested.

Coughing

Cramp

Nausea in case of ingestion.

Strong irritant with the danger of severe eye injury.

Allergic reactions.

Hazards: Suspected of damaging fertility or the unborn child.

Indication of any immediate medical attention and special treatment needed

Contains sodium benzothiazole-2-yl sulphide. May product an allergic reaction.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:

The product is not flammable.
Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents: None

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

Ensure adequate ventilation.

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Use personal protective equipment as required.
Particular danger of slipping on leaked/spilled product.

Environmental precautions:

Avoid release to the environment.

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

Avoid breathing mist/vapours/spray.
Avoid contact with the eyes and skin.
Keep out of reach of children.
Open and handle receptacle with care.

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: Store in cool, dry conditions in well sealed receptacles.

Information about storage in one common storage facility: No further relevant information available.

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

Engineering controls: Use only in a well-ventilated area.

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Avoid breathing mist/vapours/spray.
Avoid contact with the eyes and skin.
Pregnant women should strictly avoid inhalation or skin contact.

Respiratory protection:

Not required under normal conditions of use.
Use suitable respiratory protective device in case of insufficient ventilation.

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Protection of hands:



Protective gloves

Eye protection:



Safety glasses

Body protection: Protective work clothing.

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

General information

Appearance	
Form	Liquid
Colour	Green
Odour	Odourless
Odour threshold	Not determined.
Change in condition	
Melting point/Melting range	Not determined.
Boiling point/Boiling range	~100°C (~212°F)
Flammability (solid, gaseous)	Not applicable.
Explosive properties	Product does not present an explosion hazard.
Explosion limits	
Lower	Not determined.
Upper	Not determined.
Oxidising properties	Non-oxidising.
Flash point	Not applicable.
Auto/Self-ignition temperature	Not determined.
Decomposition temperature	Not determined.
pH-value	Slightly alkaline.
Viscosity	
Dynamic	Not determined.
Kinematic	Not determined.
Solubility in/Miscibility with water	Soluble.
Partition coefficient (n-octanol/water) at 20°C	Not determined.
Vapour pressure	Not determined.
Density	

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Relative density	1.0-1.1
Vapour density	Not determined.
Evaporation rate	Not determined.
Particle characteristics	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

Reacts with strong oxidising agents.

Reacts with strong acids.

Conditions to avoid

Avoid acids.

Incompatible materials:

Strong acids.

Hazardous decomposition products:

Under fire conditions only:

Sulphur oxides (SO_x)

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

Serious eye damage/irritation: Strong irritant with danger of severe eye injury.

Respiratory or skin sensitisation:

Contains sodium benzothiazole-2-yl sulphide. May produce allergic reaction.

IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

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: Suspected on damaging fertility or the unborn child.

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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:

9036-19-5 Polyethylene glycol octylphenyl ether

EC50 | 4.8-8.9 mg/l (pimephales promelas) (static test, 96H)

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicity No further relevant information available.

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.

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.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport information

UN-Number DOT, ADR, AND, IMDG, IATA	Not Regulated
UN proper shipping name 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

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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
Additional Information	Not Applicable

15. Regulatory information

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

IARC (International Agency for Research on Cancer)

None of the ingredients are listed.

Australia

Australian Inventory of Chemical Substances

All ingredients are listed.

Standards for the Uniform Scheduling of Medicines and Poisons

None of the ingredients are listed.

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.

Date of preparation of latest revision of SDS

December 13, 2022: Revised SDS to comply with The Model Work Health and Safety Regulation, and the Globally Harmonized System of Classification and Labelling of Chemicals 7th Revised Edition.

Relevant phrases

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H361 Suspected of damaging fertility or the unborn child.
H400 Very toxic to aquatic life.
H401 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

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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
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Met. Corr. 1: Corrosive to metals – Category 1
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Repr. 2: Reproductive toxicity – Category 2
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 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/sorinternet/registry/subreg/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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