

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: 15 May 2023

Printing Date: 17 August 2018

1. Identification

Product identifier

Trade name: Rislone® Hy-per Cool Super Flush

Article number: 41240, 41212

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.
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)

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

2. Hazards identification

Classification of the substance or mixture

Skin Irrit. 2 H315 Causes skin irritation
Eye Irrit. 2A H319 Causes serious eye irritation

Label elements

GHS Label elements

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

Hazard pictograms:



GHS07

Signal word: Warning

Hazard Statements:

H315 Causes skin irritation.

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H319 Causes serious eye irritation.

Precautionary Statements:

P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P337+P313 If eye irritation persists: Get medical advice/attention.

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: 9014-93-1 NLP: 500-209-1	Dinonylphenyl polyoxyethylene ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	<2%
CAS: 1310-58-3 EINECS: 215-181-3	Potassium hydroxide ⚠ Met. Corr. 1, H290; Skin Corr. 1A, H314 ⚠ Acute Tox. 4, H302	<2%

Additional information: 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.
Provide oxygen treatment if affected person has difficulty breathing.

After skin contact:

Wash with soap and water.
In skin irritation or rash occurs: Get medical advice/attention.

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.

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Coughing

Cramp

Nausea in case of ingestion.

Irritating to eyes and skin.

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

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

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.

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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:

1310-58-3 Potassium hydroxide	
NES (Australia)	Ceiling limit: 2 mg/m ³
WES (Australia)	Ceiling limit: 2 mg/m ³
REL (USA)	Ceiling limit: 2 mg/m ³
TLV (USA)	Ceiling limit: 2 mg/m ³
WES (New Zealand)	Ceiling limit: 2 mg/m ³

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.

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	
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Form	Liquid
Colour	Blue
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	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	
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:

Carbon monoxide and carbon dioxide

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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:		
1310-58-3 Potassium hydroxide		
Oral	LD50	273 mg/kg (rat)

Primary irritant effect:

Skin corrosion/irritation: Irritant to skin and mucous membranes.

Serious eye damage/irritation: Irritating effect.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

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: 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: No further relevant information available.

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 transfer into 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

Smaller quantities can be disposed of with household waste.

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
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		
1310-58-3	Potassium hydroxide	S5, S6, S10
New Zealand Inventory of Chemicals (NZIOC)		
All ingredients are listed.		

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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.

May 15, 2023: Revised SDS to add another product code.

Relevant phrases

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage

H315 Causes skin irritation.

H319 Causes serious eye irritation.

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

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

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

Met. Corr. 1: Corrosive to metals – Category 1

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

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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