



Conforms to SANS 11014:2010 – South Africa

## SAFETY DATA SHEET

# Rislone Super Radiator Flush

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product identifier

*Trade name:* Rislone Super Radiator Flush  
*Product no.:* 41201

#### Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:* Additive  
*Uses advised against :* None known.

#### Details of the supplier of the safety data sheet

*Company and address:* **Rislone**  
P.O. Box 187  
Holly, MI 48442  
USA  
(810) 603-1321  
www.Rislone.com

*Importer:*

*E-mail:* support@rislone.com  
*SDS date:* 04 May 2026  
*SDS Version:* 1.0

#### Emergency telephone number

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

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

#### Classification of the substance or mixture



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## Label elements

*Hazard pictogram(s):*

:

Not applicable.

*Signal word:*

Not applicable.

*Hazard statement(s):*

*Precautionary statement(s):*

*General:*

Not applicable.

*Prevention:*

Not applicable.

*Response:*

Not applicable.

*Storage:*

Not applicable.

*Disposal:*

Not applicable.

*Hazardous substances:*

Contains no substances that need to be listed on the label.

*Additional labelling:*

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

Not applicable. This product is a mixture.

### Mixtures

| Product/substance       | Identifiers                              | % w/w  | Classification                                                                       | Note |
|-------------------------|------------------------------------------|--------|--------------------------------------------------------------------------------------|------|
| Methyl-1H-benzotriazole | CAS No.: 29385-43-1<br>EC No.: 249-596-6 | <0.25% | Acute Tox. 4, H302<br>Eye Irrit. 2, H319<br>Repr. 2, H361<br>Aquatic Chronic 3, H412 |      |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

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## SECTION 4: FIRST AID MEASURES

### Description of first aid measures

*General information:*

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact



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|                      |                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | <p>Tygerberg Poison Information Centre: 861 555 777 (24-hour service)<br/>Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.</p>                                                                                                                                                                           |
| <i>Inhalation:</i>   | <p>Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.</p>                                                                                                                                                                                                                                                                            |
| <i>Skin contact:</i> | <p>Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.</p>                                                                                                                                                                                                                           |
| <i>Eye contact:</i>  | <p>If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.</p>                                                                                                                                                                                                                           |
| <i>Ingestion:</i>    | <p>If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.</p> |
| <i>Burns:</i>        | <p>Not applicable.</p>                                                                                                                                                                                                                                                                                                                                                                                       |

**Most important symptoms and effects, both acute and delayed**

None known.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medics**

Bring this safety data sheet or the label from this product.

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**SECTION 5: FIRE-FIGHTING MEASURES**

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**Extinguishing media**

Not applicable.

**Special hazards arising from the substance or mixture**



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Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

#### **Advice for firefighters**

No specific requirements.

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### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Contaminated areas may be slippery.

#### **Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

#### **Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### **Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

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### **SECTION 7: HANDLING AND STORAGE**

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#### **Precautions for safe handling**

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Always store in containers of the same material as the original container.

*Storage conditions:*

Cool, dry conditions in well sealed receptacles

*Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### **Specific end use(s)**

This product should only be used for applications quoted in section 1.2.



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## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control parameters

No substances are listed with an occupational exposure limit in The Hazardous Chemical Substances Regulations

:

Methyl-1H-benzotriazole

| Duration:                                          | Route of exposure: | DNEL:                  |
|----------------------------------------------------|--------------------|------------------------|
| Long term – Systemic effects - General population  | Dermal             | 0.25 mg/kg bw/day      |
| Long term – Systemic effects - Workers             | Dermal             | 0.7 mg/kg bw/day       |
| Long term – Systemic effects - General population  | Inhalation         | 8.7 mg/m <sup>3</sup>  |
| Long term – Systemic effects - Workers             | Inhalation         | 49.3 mg/m <sup>3</sup> |
| Long term – Systemic effects - General population  | Oral               | 0.25 mg/kg bw/day      |
| Short term – Systemic effects - General population | Oral               | 0.25 mg/kg bw/day      |

### PNEC

Methyl-1H-benzotriazole

| Route of exposure:                  | Duration of Exposure: | PNEC:       |
|-------------------------------------|-----------------------|-------------|
| Freshwater                          |                       | 8 µg/L      |
| Freshwater sediment                 |                       | 0.117 mg/kg |
| Intermittent release (freshwater)   |                       | 85.8 µg/L   |
| Intermittent release (marine water) |                       | 53 µg/L     |
| Marine water                        |                       | 8 µg/L      |
| Marine water sediment               |                       | 0.117 mg/kg |
| Sewage treatment plant              |                       | 0.218 mg/L  |
| Soil                                |                       | 45 µg/kg    |

### Exposure controls

Apply general control to prevent unnecessary exposure

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:*

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay



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special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

No specific requirements.

### Individual protection measures, such as personal protective equipment

*Generally:*

Use only CE marked protective equipment.

*Respiratory Equipment:*

No specific requirements.

*Skin protection:*

No specific requirements.

*Hand protection:*

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |                                                                                     |
|----------|----------------------|--------------------------|-----------|-------------------------------------------------------------------------------------|
| Gloves   | -                    | -                        | EN374     |  |

*Eye protection:*

No specific requirements.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

*Form:*

Liquid

*Colour:*

Turquoise

*Odour:*

Slight chemical

*Odour threshold (ppm):*

No data available.

*pH:*

No data available.

*Density (g/cm<sup>3</sup>):*

-

*Relative density:*

1.0-1.1

*Kinematic viscosity:*

Not determined

### Particle characteristics

Does not apply to liquids.

### Phase changes

*Melting point (°C):*

Not determined

*Boiling point (°C):*

100

*Vapour pressure:*

Not determined

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.



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*Evaporation rate (n-butylacetate = 100):*

#### **Data on fire and explosion hazards**

|                                        |                    |
|----------------------------------------|--------------------|
| <i>Flash point (°C):</i>               | Not applicable     |
| <i>Flammability (°C):</i>              | Not applicable     |
| <i>Auto-ignition temperature (°C):</i> | Not determined     |
| <i>Explosion limits (% v/v):</i>       | No data available. |

#### **Solubility**

|                                              |                    |
|----------------------------------------------|--------------------|
| <i>Solubility in water:</i>                  | Soluble            |
| <i>n-octanol/water coefficient (LogKow):</i> | No data available. |
| <i>Solubility in fat (g/L):</i>              | No data available. |

#### **Other information**

|                                                |                    |
|------------------------------------------------|--------------------|
| <i>Other physical and chemical parameters:</i> | No data available. |
| <i>Oxidizing properties:</i>                   | Non-oxidizing      |

### **SECTION 10: STABILITY AND REACTIVITY**

#### **Reactivity**

No data available.

#### **Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **Possibility of hazardous reactions**

None known.

#### **Conditions to avoid**

None known.

#### **Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### **Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **Information on toxicological effects**

##### **Acute toxicity**

|                    |                         |
|--------------------|-------------------------|
| Product/substance  | Methyl-1H-benzotriazole |
| Species:           | Rat                     |
| Route of exposure: | Inhalation              |
| Test:              | LC0                     |



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Result: 1730 mg/m<sup>3</sup>

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|                    |                         |
|--------------------|-------------------------|
| Product/substance  | Methyl-1H-benzotriazole |
| Species:           | Rat                     |
| Route of exposure: | Oral                    |
| Test:              | LD50                    |
| Result:            | 675 mg/kg               |

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|                    |                         |
|--------------------|-------------------------|
| Product/substance  | Methyl-1H-benzotriazole |
| Species:           | Rabbit                  |
| Route of exposure: | Dermal                  |
| Test:              | LD                      |
| Result:            | >4 g/kg                 |

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

#### **Skin corrosion/irritation**

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

#### **Serious eye damage/irritation**

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

#### **Respiratory sensitisation**

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

#### **Skin sensitisation**

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

#### **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.

#### **Long term effects**

None known.

#### **Other information**

None known.

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## **SECTION 12: ECOLOGICAL INFORMATION**

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### **Toxicity**

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

### **Persistence and degradability**

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

### **Bioaccumulative potential**

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

### **Mobility in soil**

No data available.

### **Results of PBT and vPvB assessment**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### **Other adverse effects**

None known.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **Waste treatment methods**

Product is not covered by regulations on dangerous waste.

### **Specific labelling**

### **Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

## **SECTION 14: TRANSPORT INFORMATION**

|                     | <b>14.1<br/>UN / ID</b> | <b>14.2<br/>UN proper shipping name</b> | <b>14.3<br/>Hazard class(es)</b> | <b>14.4<br/>PG*</b> | <b>14.5<br/>Env**</b> | <b>Other information:</b> |
|---------------------|-------------------------|-----------------------------------------|----------------------------------|---------------------|-----------------------|---------------------------|
| ADR/A<br>DN/RI<br>D | -                       | -                                       | -                                | -                   | -                     | -                         |
| IMDG                | -                       | -                                       | -                                | -                   | -                     | -                         |
| IATA                | -                       | -                                       | -                                | -                   | -                     | -                         |

\* Packing group

\*\* Environmental hazards

### **Additional information**

Not dangerous goods according to SABS Code 0228.

### **Special precautions for user**

Not applicable.

### **Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.



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## SECTION 15: REGULATORY INFORMATION

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

|                                        |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Restrictions for application:</i>   | No special.                                                                                                                                                                                                                                                                                                                            |
| <i>Demands for specific education:</i> | No specific requirements.                                                                                                                                                                                                                                                                                                              |
| <i>Additional information:</i>         | Not applicable.                                                                                                                                                                                                                                                                                                                        |
| <i>Sources:</i>                        | National Environmental Management:<br>Waste Act 2008 (Act no. 59 of 2008)<br>Waste Classification and Management Regulations<br>Minimum Requirements for the Handling, Classification and Disposal of Hazardous Waste (MRHW)<br>SANS 10234 : 1.01ED 2008 GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) |

### Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.  
H319, Causes serious eye irritation.  
H361, Suspected of damaging fertility or the unborn child.  
H412, Harmful to aquatic life with long lasting effects.

### The full text of identified uses as mentioned in section 1

None known.

### Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists  
ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CERCLA = Comprehensive Environmental Response Compensation and Liability Act  
DOT = Department of Transportation  
EINECS = European Inventory of Existing Commercial chemical Substances  
EPCRA = Emergency Planning and Community Right-To-Know Act  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals



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HCIS = Hazardous Chemical Information System  
HNOC = Hazards Not Otherwise Classified  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogKow = logarithm of the n-octanol/water coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NFPA = National Fire Protection Association  
NIOSH = National Institute for Occupational Safety and Health  
OECD = Organisation for Economic Co-operation and Development  
OSHA = Occupational Safety and Health Administration  
PBT = Persistent, Bioaccumulative and Toxic  
RCRA = Resource Conservation and Recovery Act  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SARA = Superfund Amendments and Reauthorization Act  
SCL = A specific concentration limit.  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TSCA = The Toxic Substances Control Act  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### **Additional information**

Not applicable.

#### **The safety data sheet is validated by**

NL

#### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: ZA-en