



Conforms to SANS 11014:2010 – South Africa

## SAFETY DATA SHEET

# Rislone Diesel DEF & SCR Emissions System Cleaner

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product identifier

*Trade name:* Rislone Diesel DEF & SCR Emissions System Cleaner

*Product no.:* 44784

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

*Relevant identified uses of the substance or mixture:* Additive  
For private use

*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:* 21 April 2026

*SDS Version:* 3.0

*Date of previous version:* 03 March 2025 (2.0)

#### Emergency telephone number

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

123 Lesotho Emergency Services

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

### Classification of the substance or mixture

Eye Dam. 1; H318, Causes serious eye damage.

### Label elements

*Hazard pictogram(s):*



*Signal word:*

Danger

*Hazard statement(s):*

Causes serious eye damage. (H318)

*Precautionary statement(s):*

*General:*

If medical advice is needed, have product container or label at hand. (P101)  
Keep out of reach of children. (P102)

*Prevention:*

Wear eye protection/protective gloves. (P280)

*Response:*

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)  
Immediately call a POISON CENTER/doctor. (P310)

▼ *Storage:*

Not applicable.

▼ *Disposal:*

Not applicable.

*Hazardous substances:*

Hexyl D-glucoside

▼ *Additional labelling:*

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

Not applicable. This product is a mixture.

### Mixtures

| Product/substance                                        | Identifiers                              | % w/w | Classification     | Note |
|----------------------------------------------------------|------------------------------------------|-------|--------------------|------|
| Hexyl D-glucoside                                        | CAS No.: 54549-24-5<br>EC No.: 259-217-6 | 5-10% | Eye Dam. 1, H318   |      |
| Sodium xylenesulphonate                                  | CAS No.: 1300-72-7<br>EC No.: 215-090-9  | 3-5%  | Eye Irrit. 2, H319 |      |
| 2-((1-((2-ethylhexyl)polyoxy)polypropan-2-yl)oxy)ethanol | CAS No.: 64366-70-7<br>EC No.: 613-582-1 | 1-3%  | Eye Irrit. 2, H319 |      |



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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

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### ▼ 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 Tygerberg Poison Information Centre: 861 555 777 (24-hour service)

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.

#### *Inhalation:*

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### *Skin contact:*

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

#### ▼ *Eye contact:*

If in eyes: Flush eyes with plenty of water or saline solution (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

#### *Ingestion:*

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.



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*Burns:*

Not applicable.

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

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

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

IF exposed or concerned:

Get immediate medical advice/attention.

**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**

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**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact Tygerberg Poison Information Centre (tel: 861 555 777) to obtain further advice.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Avoid direct contact with spilled substances.  
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

### Precautions for safe handling

Avoid direct contact with the product.  
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:*

Dry, cool and well ventilated

*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.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control parameters

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

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Hexyl D-glucoside

| Duration:                                         | Route of exposure: | DNEL:                 |
|---------------------------------------------------|--------------------|-----------------------|
| Long term – Systemic effects - General population | Dermal             | 357000 mg/kg bw/day   |
| Long term – Systemic effects - Workers            | Dermal             | 595000 mg/kg bw/day   |
| Long term – Systemic effects - General population | Inhalation         | 124 mg/m <sup>3</sup> |
| Long term – Systemic effects - Workers            | Inhalation         | 420 mg/m <sup>3</sup> |
| Long term – Systemic effects - General population | Oral               | 35.7 mg/kg bw/day     |

### ▼ PNEC

Hexyl D-glucoside

| Route of exposure:                | Duration of Exposure: | PNEC:       |
|-----------------------------------|-----------------------|-------------|
| Freshwater                        |                       | 0.176 mg/L  |
| Freshwater sediment               |                       | 0.722 mg/kg |
| Intermittent release (freshwater) |                       | 4.2 mg/L    |
| Marine water                      |                       | 0.018 mg/L  |

|                        |  |              |
|------------------------|--|--------------|
| Marine water sediment  |  | 0.072 mg/kg  |
| Predators              |  | 111.11 mg/kg |
| Sewage treatment plant |  | 100 mg/L     |
| Soil                   |  | 0.654 mg/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:*

Ensure that eyewash stations and safety showers are located within easy reach. 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 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:*

| Type                              | Standards |                                                                                       |
|-----------------------------------|-----------|---------------------------------------------------------------------------------------|
| Safety glasses with side shields. | EN166     |  |



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                                    |                    |
|------------------------------------|--------------------|
| <i>Form:</i>                       | Liquid             |
| ▼ <i>Colour:</i>                   | Yellowish          |
| <i>Odour:</i>                      | Slight chemical    |
| <i>Odour threshold (ppm):</i>      | No data available. |
| ▼ <i>pH:</i>                       | 9.5-10.5           |
| <i>Density (g/cm<sup>3</sup>):</i> | -                  |
| <i>Relative density:</i>           | 1                  |
| <i>Kinematic viscosity:</i>        | No data available. |

### Particle characteristics

Does not apply to liquids.

### Phase changes

|                                                 |                   |
|-------------------------------------------------|-------------------|
| <i>Melting point (°C):</i>                      | No data available |
| <i>Boiling point (°C):</i>                      | No data available |
| <i>Vapour pressure:</i>                         | No data available |
| <i>Relative vapour density:</i>                 | No data available |
| <i>Decomposition temperature (°C):</i>          | No data available |
| <i>Evaporation rate (n-butylacetate = 100):</i> | No data available |

### Data on fire and explosion hazards

|                                        |                   |
|----------------------------------------|-------------------|
| <i>Flash point (°C):</i>               | No data available |
| <i>Flammability (°C):</i>              | No data available |
| <i>Auto-ignition temperature (°C):</i> | No data available |
| <i>Explosion limits (% v/v):</i>       | No data available |

### Solubility

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

### Other information

|                                                 |                    |
|-------------------------------------------------|--------------------|
| <i>Evaporation rate (n-butylacetate = 100):</i> | No data available  |
| <i>Other physical and chemical parameters:</i>  | No data available. |
| <i>Oxidizing properties:</i>                    | No data available. |

## SECTION 10: STABILITY AND REACTIVITY



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**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.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**Information on toxicological effects****Acute toxicity**

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**

Causes serious eye damage.

**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.



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### Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

### Other information

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### ▼ 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

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

\* Packing group



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**\*\* Environmental hazards**

**▼ Additional information**

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

**Special precautions for user**

Not applicable.

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

No data available.

## SECTION 15: REGULATORY INFORMATION

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

*Restrictions for application:*

No special.

*Demands for specific education:*

No specific requirements.

*Additional information:*

Not applicable.

**▼ Sources:**

National Environmental Management:  
Waste Act 2008 (Act no. 59 of 2008)  
Waste Classification and Management  
Regulations  
Minimum Requirements for the Handling,  
Classification and Disposal of Hazardous  
Waste (MRHW)  
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**

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

**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



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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  
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**

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by SANS 10234

### **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.



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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