



Conforms to SANS 11014:2010 – South Africa

SAFETY DATA SHEET

Rislone Gear Repair

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Trade name: Rislone Gear Repair
Product no.: 41816

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

Relevant identified uses of the substance or mixture: Lubricant
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: 07 April 2026
SDS Version: 2.0
Date of previous version: 04 February 2026 (1.0)

Emergency telephone number

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

999 / 112 Botswana Emergency Services

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.



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▼ Classification of the substance or mixture

Aquatic Acute 2; H401, Toxic to aquatic life.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

Label elements

Hazard pictogram(s):

:

Not applicable.

Signal word:

Not applicable.

▼ *Hazard statement(s):*

Toxic to aquatic life. (H401)

Harmful to aquatic life with long lasting effects. (H412)

Precautionary statement(s):

General:

Not applicable.

▼ *Prevention:*

Avoid release to the environment. (P273)

Response:

Not applicable.

Storage:

Not applicable.

▼ *Disposal:*

Dispose of contents/container in accordance with local regulation. (P501)

▼ *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
Distillates (petroleum), hydrotreated heavy naphthenic	CAS No.: 64742-52-5 EC No.: 265-155-0	1-3%	Asp. Tox. 1, H304	[19]
(Z)-N-9-octadecenylpropane-1,3-diamine	CAS No.: 7173-62-8 EC No.: 230-528-9	<1%	Acute Tox. 4, H302 Skin Corr. 1B, H314 STOT RE 1, H372 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	
Bis(2-ethylhexyl) phosphonate	CAS No.: 3658-48-8 EC No.: 222-904-6	<0.25%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	



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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

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

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 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:

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.

Eye contact:

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.

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



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head down to avoid inhalation of or choking on vomited material.

Burns:

Not applicable.

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.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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. If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Carbon oxides (CO / CO₂)

▼ 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Contaminated areas may be slippery.

▼ Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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.



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Reference to other sections

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

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

SECTION 7: HANDLING AND STORAGE

▼ Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

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:

Foodstuffs
Oxidizing 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

:



(Z)-N-9-octadecenylpropane-1,3-diamine

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	2 µg/kg bw/day
Long term – Systemic effects - Workers	Dermal	5.6 µg/kg bw/day
Long term – Systemic effects - General population	Inhalation	6.96 µg/m ³
Long term – Systemic effects - Workers	Inhalation	39.5 µg/m ³
Long term – Systemic effects - General population	Oral	2 µg/kg bw/day

Distillates (petroleum), hydrotreated heavy naphthenic

Duration:	Route of exposure:	DNEL:
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Long term – Systemic effects - Workers	Dermal	970 µg/kg bw/day
Long term – Local effects - General population	Inhalation	1.19 mg/m ³
Long term – Local effects - Workers	Inhalation	5.58 mg/m ³
Long term – Systemic effects - Workers	Inhalation	2.73 mg/m ³
Long term – Systemic effects - General population	Oral	740 µg/kg bw/day

▼ PNEC

(Z)-N-9-octadecenylpropane-1,3-diamine

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		10 µg/L
Freshwater sediment		1.72 mg/kg
Intermittent release (freshwater)		1.48 µg/L
Marine water		1 µg/L
Marine water sediment		172 µg/kg
Predators		89 µg/kg
Sewage treatment plant		251 µg/L
Soil		10 mg/kg

Distillates (petroleum), hydrotreated heavy naphthenic

Route of exposure:	Duration of Exposure:	PNEC:
Predators		9.33 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:

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:*

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment



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Generally:

Use only CE marked protective equipment.

Respiratory Equipment:

No specific requirements.

Skin protection:

Recommended	Type/Category	Standards	
Protective work clothing	Protective work clothing		

Hand protection:

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

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<i>Form:</i>	Liquid
<i>Colour:</i>	Amber
<i>Odour:</i>	Petroleum-like
<i>Odour threshold (ppm):</i>	No data available.
<i>pH:</i>	Not determined
<i>Density (g/cm³):</i>	-
▼ <i>Relative density:</i>	0.9075
▼ <i>Kinematic viscosity:</i>	27.49 centistokes (100 °C)

Particle characteristics

Does not apply to liquids.

Phase changes

<i>Melting point (°C):</i>	Not determined
<i>Boiling point (°C):</i>	Not determined
<i>Vapour pressure:</i>	Not determined
<i>Relative vapour density:</i>	No data available.



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Decomposition temperature (°C):

No data available.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

▼ *Flash point (°C):*

210

Flammability (°C):

Not applicable

Auto-ignition temperature (°C):

Not determined

Explosion limits (% v/v):

Product does not present an explosion hazard

Solubility

Solubility in water:

Not miscible or difficult to mix

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

Other information

Other physical and chemical parameters:

No data available.

Oxidizing properties:

Non-oxidizing

▼ *Pour point:*

-30

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

Excessive heat

Incompatible materials

Oxidizers

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

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



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▼ **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.

SECTION 12: ECOLOGICAL INFORMATION

▼ **Toxicity**

Harmful to aquatic life with long lasting effects.

▼ **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**



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This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.
This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Specific labelling

Contaminated packing

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

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR/ADN/RID	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** 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:

SANS 10234 : 1.01ED 2008 GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS)



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Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

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

H302, Harmful if swallowed.

H304, May be fatal if swallowed and enters airways.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H319, Causes serious eye irritation.

H372, Causes damage to organs through prolonged or repeated exposure.

H400, Very toxic to aquatic life.

H410, Very toxic 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

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



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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 environmental hazards are 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.

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