

Safety Data Sheet

according to Australia WHS and NZ HSNO Regulations

Revision: 20 August 2019

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** Rislone® NANO PRIME™ Engine & Oil Additive
- **Product code:** 44104
- **Recommended use and restriction on use**
- **Recommended use:** Oil 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
59 Greenmount Dr, East Tamaki, Auckland, New Zealand
NZ Telephone: +09 274 6871
AUS Telephone 1800883 888
- **Further information obtainable from:** E-Mail (competent person): info@rislone.com
- **Emergency telephone number:**
ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)
+1-300-954-583 (Australia)



Emergencies within Australia - 131126 (NSW Poison Control Centre)

Emergencies within New Zealand - 0800 764 766 (National Poison Control Centre)

2 Hazards identification

- **Classification (Australia, New Zealand)**
Australia NOHSC – Hazardous Substance (Classified according to Worksafe Australia NOHSC 2018 National Code of Practice)
New Zealand HSNO - Hazardous (Classified according to the Minimum Degrees of Hazard Regulations 2001)
- **Classification of the substance or mixture**
Eye Irrit. 2A H319 Causes serious eye irritation.
- **Hazard statements (New Zealand HSNO Classification)**
HSNO 6.4A Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**

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H319 Causes serious eye irritation.

Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.
- P264 Wash thoroughly after handling.
- P280 Wear eye protection / face 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.
- P337+P313 If eye irritation persists: Get medical advice/attention.

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/information on ingredients

Chemical characterisation: Mixtures

Components:

Trade secret zinc dialkyldithiophosphate

 Eye Dam. 1, H318

<3%

 Skin Irrit. 2, H315

Additional information:

For the wording of the listed Hazard Statements refer to section 16.

For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.

4 First aid measures

Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Wash with soap and water.

If skin irritation is experienced, consult a doctor.

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:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

Most important symptoms and effects, both acute and delayed

Causes eye irritation.

Slight irritant effect on skin and mucous membranes.

Gastric or intestinal disorders when ingested.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

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- **Extinguishing media**
- **Suitable extinguishing agents:**
 - Foam
 - Carbon dioxide
 - Fire-extinguishing powder
 - Gaseous extinguishing agents
- **For safety reasons unsuitable extinguishing agents:** Water
- **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**
 - Wear protective equipment. Keep unprotected persons away.
 - Ensure adequate ventilation
 - Particular danger of slipping on leaked/spilled product.
 - For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions**
 - Do not allow to enter sewers/ surface or ground water.
 - Inform respective authorities in case of seepage into water course or sewage system.
 - Prevent from spreading (e.g. by damming-in or oil barriers).
- **Methods and material for containment and cleaning up**
 - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 - Remove from the water surface (e.g. skim or suck off).
 - Dispose of the material collected according to regulations.
- **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**
 - Prevent formation of aerosols.
 - Use only in well ventilated areas.
 - Keep out of reach of children.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**
 - Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.

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Store away from oxidising agents.

- **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**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

Avoid close or long term contact with the skin.

- **Respiratory protection:**

Not required under normal conditions of use.

Use suitable respiratory protective device when aerosol or mist is formed.

For spills, respiratory protection may be advisable.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Eye protection:**



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

- **Body protection:** Protection may be required for spills.

- **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**

- **Appearance**

Form:

Liquid

Colour:

Blackish-blue

- **Odour:**

Sweet

- **Odour threshold:**

Not determined.

- **pH-value:**

Not determined.

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· Melting point/freezing point:	Not determined.
· Initial boiling point and boiling range:	Not determined.
· Pour point:	-42 °C (-43.6 °F)
· Flash point:	146 °C (294.8 °F)
· Flammability (solid, gas):	Not applicable.
· Auto/Self-ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
· Oxidising properties	Non-oxidising.
· Vapour pressure:	Not determined.
· Density:	
Relative density at 25 °C (77 °F):	0.850 - 0.865 g/cm³ (7.09-7.22 lbs/gal)
Vapour density:	Not determined.
Evaporation rate:	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity	
Dynamic at 25 °C (77 °F):	110 - 150 cps
Kinematic:	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**
Toxic fumes may be released if heated above the decomposition point.
Reacts with strong acids and oxidising agents.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** Oxidisers
- **Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Hydrocarbons
Phosphorus oxides (e.g. P2O5)
Sulphur oxides (SOx)
Toxic metal compounds

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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:** None.
- **Primary irritant effect**
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **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.
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:** The product contains materials that are harmful to the environment.
- **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** 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**
Contact waste processors for recycling information.
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.

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14 Transport information

· UN-Number	
· DOT, ADG, IMDG, IATA	Not Regulated
· UN proper shipping name	
· DOT, ADG, IMDG, IATA	Not Regulated
· Transport hazard class(es)	
· DOT, ADG, IMDG, IATA	
· Class	Not Regulated
· Packing group	
· DOT, ADG, IMDG, IATA	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.

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 or exempt.	
· Standard for the Uniform Scheduling of Medicines and Poisons	
None of the ingredients are listed.	
· New Zealand	
· HSNO Group Standard HSR002606	
· New Zealand Inventory of Chemicals (NZIOC)	
All ingredients are listed or exempt.	

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.

· Relevant phrases

H315 Causes skin irritation.
H318 Causes serious eye damage.

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Abbreviations and acronyms:

ADG: Australian Dangerous Goods Code
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
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
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/sor/internet/registry/substreg/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.
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