



Conforms to the Hazardous Substances (Safety Data Sheets) Notice 2017

## SAFETY DATA SHEET

# Rislone CAT Complete

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product identifier

*Trade name:* Rislone CAT Complete  
*Product no.:* 44720

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

*Relevant identified uses of the substance or mixture:* Fuel 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

*E-mail:* support@rislone.com  
*SDS date:* 04 March 2025  
*SDS Version:* 7.0  
*Date of previous version:* 28 January 2025 (6.0)

#### 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)

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to the Hazardous Substances (Hazard Classification) Notice.

#### ▼ Classification of the substance or mixture

Flam. Liq. 4; H227, Combustible liquid  
Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

#### Label elements

▼ *Hazard pictogram(s):* Not applicable.  
▼ *Signal word:* Warning



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▼ <i>Hazard statement(s):</i>	Combustible liquid (H227) Harmful to aquatic life with long lasting effects. (H412)
<i>Precautionary statement(s):</i>	
▼ <i>General:</i>	Keep out of reach of children. (P102)
▼ <i>Prevention:</i>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210) Avoid release to the environment. (P273)
▼ <i>Response:</i>	In case of fire: Use water mist/carbon dioxide/alcohol-resistant foam to extinguish. (P370+P378)
▼ <i>Storage:</i>	Store in a well-ventilated place. Keep cool. (P403+P235)
<i>Disposal:</i>	Dispose of contents/container in accordance with local regulation (P501)
▼ <i>Hazardous substances:</i>	2-butoxyethanol p-xylene;m-xylene;xylene;o-xylene Tricarbonyl(methylcyclopentadienyl)manganese
<i>Additional labelling:</i>	Not applicable.

**Other hazards**

**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 light paraffinic;Baseoil - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C15 through C30	CAS No.: 64742-55-8 EC No.: 265-158-7	25-40%	Asp. Tox. 1, H304	[19]



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and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.]				
2-butoxyethanol	CAS No.: 111-76-2 EC No.: 203-905-0	5-10%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332	
Distillates (petroleum), hydrotreated light;Kerosine - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).]	CAS No.: 64742-47-8 EC No.: 265-149-8	3-5%	Asp. Tox. 1, H304	[19]
Paraffins (petroleum), normal C5-20	CAS No.: 64771-72-8 EC No.: 265-233-4	3-5%	Asp. Tox. 1, H304	[19]
p-xylene;m-xylene;xylene;o-xylene	CAS No.: 1330-20-7 EC No.: 215-535-7	1-3%	Flam. Liq. 3, H226 Acute Tox. 4, H312 Skin Irrit. 2, H315 Acute Tox. 4, H332	
Solvent naphtha (petroleum), light arom.	CAS No.: 64742-95-6 EC No.: 265-199-0	1-3%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411	[19]
Tricarbonyl(methylcyclopentadienyl)manganese	CAS No.: 12108-13-3 EC No.: 235-166-5	<1%	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 1, H330	



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			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 – bring the label or this safety data sheet.

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

*Burns:*

Not applicable.

### ▼ Most important symptoms and effects, both acute and delayed



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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: FIREFIGHTING MEASURES**

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**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**

Combustible liquid

In use may form flammable/explosive vapour-air 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 / CO<sub>2</sub>)

**Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the National Poisons Centre: 0800 764 766 (24 hour service) in order to obtain further advice.

Hazchem Code: ●3Y

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Ensure adequate ventilation, especially in confined areas.

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**

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

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.



## 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.

Avoid contact during pregnancy and while nursing.

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:*

Properly labeled containers

*Storage conditions:*

Dry, cool and well ventilated

Tightly closed container

*Incompatible materials:*

heat, sparks, flame, and other sources of ignition

Combustible materials

### Specific end use(s)

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

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

2-butoxyethanol

Long term exposure limit (8 hours) (ppm): 25

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 121

Annotations:

skin = Skin absorption

p-xylene;m-xylene;xylene;o-xylene

Long term exposure limit (8 hours) (ppm): 50

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 217

Annotations:

oto = Ototoxin

ethylbenzene

Long term exposure limit (8 hours) (ppm): 20

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 88

Short term exposure limit (15 minutes) (ppm): 40

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 176

Annotations:

oto = Ototoxin

skin = Skin absorption

Tricarbonyl(methylcyclopentadienyl)manganese

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 0.2



Annotations:  
skin = Skin absorption

Workplace exposure standards and biological exposure indices. Edition 14, November 2023.

**Exposure controls**

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*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:* Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:* The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked. 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**

*Generally:* Use only protective equipment that have been approved by IANZ or NATA, or a laboratory accredited under a recognised Mutual Recognition Arrangement.

*Respiratory Equipment:*  
No specific requirements


*Skin protection:*

Recommended	Type/Category	Standards	
Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester.	-	-	

*Hand protection:*



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

Eye protection:

Type	Standards	
Tight sealing safety goggles	Tight sealing safety goggles	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Form:	Liquid
Colour:	Brown
Odour:	Petroleum-like
▼ Odour threshold (ppm):	No data available.
▼ pH:	No data available.
Density (g/cm <sup>3</sup> ):	-
Relative density:	0.81
Kinematic viscosity:	No data available
▼ Dynamic viscosity:	23.4 mPa.s

### Phase changes

Melting point/Freezing point (°C):	No data available
Softening point/range (°C):	Does not apply to liquids.
Boiling point (°C):	No data available
Vapour pressure:	No data available
▼ Relative vapour density:	No data available.
Decomposition temperature (°C):	No data available
Evaporation rate (n-butylacetate = 100):	

### Data on fire and explosion hazards

Flash point (°C):	67
Flammability (°C):	No data available
Auto-ignition temperature (°C):	No data available
▼ Explosion limits (% v/v):	No data available.

### Solubility

Solubility in water:	Insoluble
▼ n-octanol/water coefficient (LogKow):	No data available.
▼ Solubility in fat (g/L):	No data available.





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## Other information

*Other physical and chemical parameters:* No data available.  
▼ *Oxidizing properties:* No data available.

## 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

Heat, flames, and sparks

### Incompatible materials

heat, sparks, flame, and other sources of ignition  
Combustible materials

### ▼ 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.

#### 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.

2-butoxyethanol has been classified by IARC as a group 3 carcinogen.

p-xylene;m-xylene;xylene;o-xylene has been classified by IARC as a group 3 carcinogen.

#### Reproductive toxicity

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

#### STOT-single exposure



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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.

**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**

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**

Dispose of contents/container to an approved waste disposal plant.

**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 UN / ID</b>	<b>14.2 UN proper shipping name</b>	<b>14.3 Hazard class(es)</b>	<b>14.4 PG*</b>	<b>14.5 Env**</b>	<b>Other informat ion:</b>
ADR	UN1993	FLAMMABLE LIQUID, N.O.S.	Transport hazard class: 3 Label: 3 Classification code: F1	III	No	Limited quantitie s: 5 L



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	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informat ion:
						Tunnel restrictio n code: (D/E) See below for additiona l informati on.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

▼ **Additional information**

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

Not dangerous goods according to ADR, IATA and IMDG.

Hazchem Code: ●3Y

**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:*

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

*Demands for specific education:*

No specific requirements.

▼ *Control of major hazard facilities:*

Not applicable.

▼ *Additional information:*

Not applicable.

*New Zealand Inventory of Chemicals (NZIoC):*

Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified; [A complex combination of hydrocarbons obtained by



treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.] is listed

2-butoxyethanol is listed

Distillates (petroleum), hydrotreated light;Kerosine - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).] is listed

Paraffins (petroleum), normal C5-20 is listed  
p-xylene;m-xylene;xylene;o-xylene is listed  
Solvent naphtha (petroleum), light arom. is listed

ethylbenzene is listed

Tricarbonyl(methylcyclopentadienyl)manganese is listed

Hazardous Substances (Hazard Classification) Notice 2020

Hazardous Substances and New Organisms Act 1996

▼ Sources:

### Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

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

H226, Flammable liquid and vapour.

H301, Toxic if swallowed.

H302, Harmful if swallowed.

H304, May be fatal if swallowed and enters airways.

H310, Fatal in contact with skin.

H312, Harmful in contact with skin.

H315, Causes skin irritation.

H319, Causes serious eye irritation.

H330, Fatal if inhaled.

H332, Harmful if inhaled.

H336, May cause drowsiness or dizziness.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.



H411, Toxic to aquatic life with long lasting effects.

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

None known.

**Abbreviations and acronyms**

AS/NZS = Australian New Zealand Standard  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
EINECS = European Inventory of Existing Commercial chemical Substances  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
Hazchem = Hazardous chemicals  
HSNO = Hazardous Substances and New Organisms Act  
IANZ = International Accreditation New Zealand  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NATA = National Association of Testing Authorities  
NZIoC = New Zealand Inventory of Chemicals  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
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  
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 the Hazardous Substances (Hazard Classification) Notice.

**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: NZ-en