



Conforms to NOM-018-STPS-2015

SAFETY DATA SHEET

Rislone CAT Complete

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

1.1. Product identifier

Trade name: Rislone CAT Complete
Product no.: 24720

1.2. 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.

1.3. 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: 28 January 2025

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Flam. Liq. 4; H227, Combustible liquid
Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.
Skin Irrit. 3; H316, Causes mild skin irritation
Acute Tox. 3; H331, Toxic if inhaled.

2.2. Label elements

Hazard pictogram(s):





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| | |
|------------------------------------|--|
| <i>Signal word:</i> | Danger |
| <i>Hazard statement(s):</i> | Combustible liquid (H227) May be fatal if swallowed and enters airways. (H304) Causes mild skin irritation (H316) Toxic if inhaled. (H331) |
| <i>Precautionary statement(s):</i> | |
| <i>General:</i> | If medical advice is needed, have product container or label at hand. (P101) Keep out of reach of children. (P102) |
| <i>Prevention:</i> | Avoid breathing mist/vapour. (P261) Use only outdoors or in a well-ventilated area. (P271) |
| <i>Response:</i> | IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+P340) Specific treatment (see instructions on this label). (P321) |
| <i>Storage:</i> | Store locked up. (P405) |
| <i>Disposal:</i> | Dispose of contents/container in accordance with local regulation (P501) |
| <i>Hazardous substances:</i> | 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.] 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).] Paraffins (petroleum), normal C5-20 Tricarbonyl(methylcyclopentadienyl)manganese |
| <i>Additional labelling:</i> | Not applicable. |

2.3. Other hazards



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. 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 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.] | CAS No.: 64742-55-8 EC No.: 265-158-7 | 25-40% | Asp. Tox. 1, H304 | [19] |
| 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 | CAS No.: 64742-47-8 EC No.: 265-149-8 | 3-5% | Asp. Tox. 1, H304 | [19] |



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|---|--|------|---|------|
| 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).] | | | | |
| 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;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 | [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 | |

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

4.1. 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 injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm.



| | |
|----------------------|--|
| <i>Skin contact:</i> | <p>If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery position. Call an ambulance.</p> <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> <p>If skin irritation occurs: Get medical advice/attention.</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 SWALLOWED: Immediately call a POISON CENTER/doctor.</p> <p>Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.</p> |
| <i>Burns:</i> | <p>Not applicable.</p> |

4.2. Most important symptoms and effects, both acute and delayed

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

4.3. 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.

SECTION 5: FIREFIGHTING MEASURES

5.1. 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.

5.2. 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.



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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)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. 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.

6.4. 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

7.1. Precautions for safe handling

Avoid direct contact with the product.
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.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up. A sign warning of toxic materials shall be affixed the room and cupboard containing the product(s).
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

| | |
|--------------------------------------|---|
| <i>Recommended storage material:</i> | Properly labeled containers |
| <i>Storage conditions:</i> | Dry, cool and well ventilated Tightly closed container |
| <i>Incompatible materials:</i> | heat, sparks, flame, and other sources of |



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ignition
Combustible materials

7.3. Specific end use(s)

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

2-butoxyethanol

Ceiling value (VLE-P): 20 ppm

Annotations:

A3 = Carcinogenic effect detected in animals. Results of studies relating to the carcinogenicity are not necessarily applicable to humans.

IBE = Biological limit value recommended for the substance.

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

Time Weighted Average Exposure Limit Value (VLE-PPT): 150 ppm

Ceiling value (VLE-P): 100 ppm

Annotations:

A4 = Not classified as a human carcinogen

IBE = Biological limit value recommended for the substance.

ethylbenzene

Ceiling value (VLE-P): 20 ppm

Annotations:

A3 = Carcinogenic effect detected in animals. Results of studies relating to the carcinogenicity are not necessarily applicable to humans.

IBE = Biological limit value recommended for the substance.

Tricarbonyl(methylcyclopentadienyl)manganese

Ceiling value (VLE-P): 0.2 mg/m³

Annotations:

PIEL = The ability of the substance to be absorbed through the skin, mucous membranes or eyes in significant quantities, increases the risk from exposure to the substance.

Official Mexican standard NOM-010-STPS-2014, Contaminating chemical agents in the work environment – inspection, evaluation, and control.

8.2. 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.



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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 CE marked protective equipment.


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:

| 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

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Petroleum-like

Odour threshold (ppm):

No relevant or available data due to the



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| | |
|---|---|
| <i>pH:</i> | nature of the product. No relevant or available data due to the nature of the product. |
| <i>Density (g/cm³):</i> | - |
| <i>Relative density:</i> | 0.81 |
| <i>Kinematic viscosity:</i> | No data available |
| <i>Particle characteristics:</i> | Does not apply to liquids. |
| Phase changes | |
| <i>Melting point (°C):</i> | No data available |
| <i>Softening point/range (°C):</i> | Does not apply to liquids. |
| <i>Boiling point (°C):</i> | No data available |
| <i>Vapour pressure:</i> | No data available |
| <i>Relative vapour density:</i> | No relevant or available data due to the nature of the product. |
| <i>Decomposition temperature (°C):</i> | No data available |
| <i>Evaporation rate (n-butylacetate = 100):</i> | |
| Data on fire and explosion hazards | |
| <i>Flash point (°C):</i> | 67 |
| <i>Flammability (°C):</i> | No data available |
| <i>Auto-ignition temperature (°C):</i> | No data available |
| <i>Explosion limits (% v/v):</i> | No relevant or available data due to the nature of the product. |
| Solubility | |
| <i>Solubility in water:</i> | Insoluble |
| <i>n-octanol/water coefficient (LogKow):</i> | No relevant or available data due to the nature of the product. |
| <i>Solubility in fat (g/L):</i> | No relevant or available data due to the nature of the product. |
| 9.2. Other information | |
| <i>Other physical and chemical parameters:</i> | No data available. |
| <i>Oxidizing properties:</i> | No relevant or available data due to the nature of the product. |

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions



Conforms to NOM-018-STPS-2015

None known.

10.4. Conditions to avoid

Heat, flames, and sparks

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Toxic if inhaled.

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

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

May be fatal if swallowed and enters airways.

Long term effects

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity



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No data available.

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS


Waste treatment methods

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

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 informat ion: |
|------|-----------------|---------------------------------|---|-------------|---------------|--|
| ADR | UN1993 | FLAMMABLE LIQUID, N.O.S. | Transport hazard class: 3 Label: 3 Classification code: F1  | III | No | Limited quantities: 5 L Tunnel restriction code: (D/E) See below for additional information. |
| IMDG | - | - | - | - | - | - |
| IATA | - | - | - | - | - | - |

* Packing group

** Environmental hazards



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Additional information

This product is within scope of the regulations of transport of dangerous goods. 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.

14.6. Special precautions for user

Not applicable.

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

No data available.

SECTION 15: REGULATORY INFORMATION

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

Restrictions for application:

People under the age of 18 shall not be exposed to this product.
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.

Additional information:

Tactile warning.

If this product is sold in retail, it must be delivered with child-resistant fastening.

National Inventory of Chemical Substances of Mexico (INSQ):

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

Sources:

Federal Regulations on Safety and Health at Work (DOF: 13/11/2014)
Official Mexican standard NOM-018-STPS-2015, Harmonized System for the identification and communication of hazards



Conforms to NOM-018-STPS-2015

and risks from hazardous chemical substances in the workplace

15.2. 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.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

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
DOF = The national registry of laws
ECOL (SEMARNAT) = Secretariat of the Environment and Natural Resources
EINECS = European Inventory of Existing Commercial chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
INSQ = National Inventory of Chemical Substances of Mexico
LogKoc = Soil adsorption coefficient
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)
NOM = Official Mexican standard
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 = Specific concentration limit.
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
STPS = Ministry of Labor and Social Welfare



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UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VLE-CT = Short-term exposure limit

VLE-P = Ceiling value

VLE-PPT = Time Weighted Average Exposure Limit Value

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.

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: MX-en