

SAFETY DATA SHEET

Rislone CAT Complete

SECTION 1: IDENTIFICATION

1.1. Product identifier

▼ Trade name: Rislone CAT Complete

Product no.: 34720

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

Relevant identified uses of the substance or mixture: 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: 14 February 2024

1.4. ▼ Emergency telephone number

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

SECTION 2: HAZARD(S) IDENTIFICATION

Classified according to WHMIS 2022.

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.

Acute Tox. 3; H331, Toxic if inhaled.

Muta. 1B; H340, May cause genetic defects. STOT SE 1; H370, Causes damage to organs.

2.2. Label elements

Hazard pictogram(s):





Signal word: Danger Combustible liquid (H227) **▼** *Hazard statement(s):* May be fatal if swallowed and enters airways. (H304)Toxic if inhaled. (H331) May cause genetic defects. (H340) Causes damage to organs. (H370) *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: Obtain special instructions before use. (P201) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210) Do not breathe vapour/mist. (P260) Do not eat, drink or smoke when using this product. (P270) Use only outdoors or in a well-ventilated area. (P271) Wear protective gloves/protective clothing/eye protection/face protection. (P280) IF SWALLOWED: Immediately call a POISON **▼** Response: CENTER/doctor. (P301+P310) IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+P340) IF exposed or concerned: Call a POISON CENTER/doctor (P308+P311) IF exposed or concerned: Get medical advice/attention. (P308+P313) Call a doctor/POISON CENTER. (P311) Specific treatment (see instructions on this label). (P321) Do NOT induce vomiting. (P331) In case of fire: Use water mist/carbon dioxide/alcohol-resistant foam to extinguish. (P370+P378) Storage: Store in a well-ventilated place. Keep container tightly closed. (P403+P233) Store in a well-ventilated place. Keep cool. (P403+P235) Store locked up. (P405) Disposal: Dispose of contents/container in accordance

with local regulation

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

(P501)

Hazardous substances:



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)mangan ese

Restricted to professional users.

Additional labelling:

2.3. Other hazards

▼ Additional warnings:

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

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),	CAS No.: 64742-55-8	25-40%	Asp. Tox. 1, H304	[19]
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.]				
2-butoxyethanol	CAS No.: 111-76-2	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	3-5%	Asp. Tox. 1, H304	[19]
Paraffins (petroleum), normal C5-20	CAS No.: 64771-72-8	3-5%	Asp. Tox. 1, H304	[19]
p-xylene;m- xylene;xylene;o-xylene	CAS No.: 1330-20-7	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	1-3%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336	[19]
Tricarbonyl(methylcyclop entadienyl)manganese	CAS No.: 12108-13-3	<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: If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid). 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. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery position. Call an ambulance. 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. If skin irritation occurs: Get medical advice/attention. 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 SWALLOWED: Immediately call a POISON CENTER/doctor.

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.

Burns: Not applicable.

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: FIRE-FIGHTING 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. 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 a poison centre in order to obtain further advice. See section 1 "Emergency telephone number".

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. In the event of leakage to the surroundings, contact local environmental authorities.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material: Properly labeled containers

Storage temperature: Dry, cool and well ventilated

Tightly closed container

Incompatible materials: heat, sparks, flame, and other sources of

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

ALBERTA

2-butoxyethanol

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

Long term exposure limit (8 hours) (mg/m³): 97

Annotations:

3 = Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.

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

Long term exposure limit (8 hours) (ppm): 100 Long term exposure limit (8 hours) (mg/m³): 434 Short term exposure limit (15 minutes) (ppm): 150

Short term exposure limit (15 minutes) (mg/m³): 651

ethylbenzene

Long term exposure limit (8 hours) (ppm): 100 Long term exposure limit (8 hours) (mg/m³): 434





Short term exposure limit (15 minutes) (ppm): 125 Short term exposure limit (15 minutes) (mg/m³): 543

Tricarbonyl(methylcyclopentadienyl)manganese Long term exposure limit (8 hours) (mg/m³): 0.2 Annotations:

1 = Substance may be readily absorbed through intact skin.

Occupational Health and Safety Code 2009 Order, Alta Reg 87/2009 (revised in 2018)

BRITISH COLUMBIA

2-butoxyethanol

Time-Weighted Average Limit (TWA): 20 ppm

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

Time-Weighted Average Limit (TWA): 100 ppm

Short-Term Exposure Limit (STEL) / Ceiling Limit (C): 150 ppm

ethylbenzene

Time-Weighted Average Limit (TWA): 20 ppm

Tricarbonyl(methylcyclopentadienyl)manganese

Time-Weighted Average Limit (TWA): 0.2 mg/m³

Annotations:

Skin = The substances contributes significantly to the overall exposure by the skin route.

OHS Regulation Part 5: Chemical Agents and Biological Agents.

ONTARIO

2-butoxyethanol

Time-Weighted Average Limit (TWA): 20 ppm

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

Time-Weighted Average Limit (TWA): 100 ppm

Short-Term Exposure Limit (STEL) / Ceiling Limit (C): 150 ppm

ethylbenzene

Time-Weighted Average Limit (TWA): 20 ppm

Tricarbonyl(methylcyclopentadienyl)manganese Time-Weighted Average Limit (TWA): 0.2 mg/m³

Annotations:

"Skin" = Danger of cutaneous absorption.

Regulation 833 (Control of Exposure to Biological or Chemical Agents) and Ontario Regulation 490/09 (Designated Substances)

QUEBEC

2-butoxyethanol

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

Annotations:

Note 3 = Where the use of these products is permitted.



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

Long term exposure limit (8 hours) (ppm): 100 Long term exposure limit (8 hours) (mg/m³): 434

ethylbenzene

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

Annotations:

Note 3 = Where the use of these products is permitted.

Tricarbonyl(methylcyclopentadienyl)manganese Long term exposure limit (8 hours) (mg/m³): 0.2

Annotations:

Pc = Potentially significant contribution to the overall exposure by the cutaneous route. The cutaneous route includes mucous membranes and the eyes.

Regulation respecting occupational health and safety (Chapter S-2.1, r. 13)

SASKATCHEWAN

2-butoxyethanol

Long term exposure limit (8 hours) (ppm): 20 Short term exposure limit (15 minutes) (ppm): 30

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

Long term exposure limit (8 hours) (ppm): 100 Short term exposure limit (15 minutes) (ppm): 150

ethylbenzene

Long term exposure limit (8 hours) (ppm): 100 Short term exposure limit (15 minutes) (ppm): 125

Annotations:

T20 = Substance is also included in Table 20 of The Occupational Health and Safety Regulations and subject to Sections 306 and 311

Tricarbonyl(methylcyclopentadienyl)manganese Long term exposure limit (8 hours) (mg/m³): 0.2

Short term exposure limit (15 minutes) (mg/m³): 0.6

Annotations:

Skin = Potentially harmful after absorption through the skin or mucous membranes

The Occupational Health and Safety Regulations, 2020, Chapter S15.1 Reg 10.

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.

Appropriate technical measures: Do not recirculate outlet air that contain the

substances.

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 with a

recognized certification mark, e.g. the UL

mark.

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:

Туре	Standards	
Tight sealing safety	Tight sealing safety goggles	
goggles		

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



9.1. Information on basic physical and chemical properties

Physical state: Liquid

Colour: Brown

Odour: Petroleum-like

Odour threshold (ppm): Testing not relevant or not possible due to

the nature of the product.

pH: Testing not relevant or not possible due to

the nature of the product.

Density (g/cm³):

Relative density: 0.81

▼ *Kinematic viscosity:* No data available

Phase changes

▼ Melting point (°C):
 ▼ Boiling point (°C):
 ▼ Vapour pressure:
 No data available
 No data available

Relative vapour density: Testing not relevant or not possible due to

the nature of the product.

▼ *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): Testing not relevant or not possible due to

the nature of the product.

Solubility

▼ *Solubility in water:* Insoluble

n-octanol/water coefficient (LogKow): Testing not relevant or not possible due to

the nature of the product.

Solubility in fat (g/L): Testing not relevant or not possible due to

the nature of the product.

9.2. Other information

Other physical and chemical parameters: No data available.

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

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

The product is not degraded when used as specified in section 1.

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

May cause genetic defects.

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

Causes damage to organs.

▼ 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.

Other information

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. ethylbenzene has been classified by IARC as a group 2B carcinogen.



SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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

p-xylene;m-xylene;xylene;o-xylene is listed with EPA Hazardous Waste Number: U239

Specific labelling

Contaminated packing

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

SECTION 14: TRANSPORT INFORMATION

		14.2 UN proper shipping name	14.3 Hazard class(es)		l	Other information:
TDG	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

^{*} Packing group

Additional information

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

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.

^{**} Environmental hazards



SECTION 15: REGULATORY INFORMATION

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

15.2. ▼ Canadian lists

▼ DSL / NDSL:

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)mangan ese is listed

15.4. Restrictions for application

Restricted to professional users.

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.

15.5. Demands for specific education

No specific requirements.

Additional information

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

15.7. Chemical safety assessment

No



Sources

Hazardous Products Regulations (SOR/2022-272)

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

ANSI = American National Standards Institute

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

DSL = Domestic Substances List

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HHNOC = Health Hazards Not Otherwise Classified

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)

NDSL = Non-domestic substances list

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PHNOC = Physical Hazards Not Otherwise Classified

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

SCL = A specific concentration limit.

SOR = Statutory Orders and Regulations

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TDG = Transportation of Dangerous Goods

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

WHIMS = Workplace Hazardous Materials Information System



Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by WHMIS 2022

▼ 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 blue 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: CA-en