



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

SAFETY DATA SHEET

Rislone CAT Complete

SECTION 1: IDENTIFICATION

1.1. Product identifier

▼ *Trade name:* Rislone CAT Complete
Product no.: 4720

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

OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

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



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Hazard pictogram(s):



Signal word:

Danger

▼ *Hazard statement(s):*

Combustible liquid (H227)
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)

▼ *Response:*

IF SWALLOWED: Immediately call a POISON 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 (P501)



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Additional labelling:

Restricted to professional users.

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), 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	25-40%	Asp. Tox. 1, H304	[19]
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	CAS No.: 64742-47-8	3-5%	Asp. Tox. 1, H304	[19]



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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	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(methylcyclopentadienyl)manganese	CAS No.: 12108-13-3	<1%	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 1, H330	

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

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



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Inhalation:

person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

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



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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 the Poison Help Line on 1-800-222-1222 (24/7) 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. 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



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leakage.

Recommended storage material:

Properly labeled containers

Liquid class:

Combustible Liquid / Class IIIA (NFPA 30)

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

2-butoxyethanol

Long term exposure limit (OSHA Table Z-1) (mg/m³): 240

Long term exposure limit (OSHA Table Z-1) (ppm): 50

Long term exposure limit (ACGIH TLV) (ppm): 20

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

Short term exposure limit (STEL) (ACGIH TLV) (ppm): 150

Short term exposure limit (STEL) (NIOSH REL) (ppm): 150

Long term exposure limit (OSHA Table Z-1) (mg/m³): 435

Long term exposure limit (OSHA Table Z-1) (ppm): 100

Long term exposure limit (ACGIH TLV) (ppm): 100

ethylbenzene

Short term exposure limit (STEL) (NIOSH REL) (ppm): 125

Long term exposure limit (OSHA Table Z-1) (mg/m³): 435

Long term exposure limit (OSHA Table Z-1) (ppm): 100

Long term exposure limit (ACGIH TLV) (ppm): 20

Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

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



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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:

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

Physical state:

Liquid



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<i>Colour:</i>	Brown
<i>Odour:</i>	Petroleum-like
<i>Odour threshold (ppm):</i>	Testing not relevant or not possible due to the nature of the product.
<i>pH:</i>	Testing not relevant or not possible due to the nature of the product.
<i>Density (g/cm³):</i>	Testing not relevant or not possible due to the nature of the product. -
<i>Relative density:</i>	0.81
▼ <i>Kinematic viscosity:</i>	No data available
Phase changes	
▼ <i>Melting point (°F):</i>	No data available
<i>Softening point/range (waxes and pastes) (°F):</i>	Does not apply to liquids.
▼ <i>Boiling point (°F):</i>	No data available
▼ <i>Vapour pressure:</i>	No data available
<i>Relative vapour density:</i>	Testing not relevant or not possible due to the nature of the product.
▼ <i>Decomposition temperature (°F):</i>	No data available
Data on fire and explosion hazards	
<i>Flash point (°F):</i>	153
<i>Flash point (°C):</i>	67
▼ <i>Flammability (°F):</i>	No data available
▼ <i>Auto-ignition temperature (°F):</i>	No data available
<i>Explosion limits (% v/v):</i>	Testing not relevant or not possible due to the nature of the product.
Solubility	
▼ <i>Solubility in water:</i>	Insoluble
<i>n-octanol/water coefficient (LogKow):</i>	Testing not relevant or not possible due to the nature of the product.
<i>Solubility in fat (g/L):</i>	Testing not relevant or not possible 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>	Testing not relevant or not possible due to the nature of the product.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.



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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.



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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

RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)
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

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

* Packing group

** Environmental hazards

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.



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SECTION 15: REGULATORY INFORMATION

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

15.2. U.S. Federal regulations

TSCA (the non-confidential portion):

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

1,2,4-trimethylbenzene is listed

mesitylene;1,3,5-trimethylbenzene is listed

propylbenzene;Cumene is listed

Clean Air Act:

p-xylene;m-xylene;xylene;o-xylene is regulated as a hazardous air pollutant (HAPS)

ethylbenzene is regulated as a hazardous air pollutant (HAPS)

Tricarbonyl(methylcyclopentadienyl)manganese is regulated as a hazardous air pollutant (HAPS)

EPCRA Section 302:

Tricarbonyl(methylcyclopentadienyl)manganese is regulated with a Threshold Planning Quantity (TPQ) of: 100 pounds



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EPCRA Section 304:

Tricarbonyl(methylcyclopentadienyl)manganese is regulated with a Reportable Quantity (RQ) of: 100 pounds

EPCRA section 313:

p-xylene;m-xylene;xylene;o-xylene is listed
ethylbenzene is listed
Tricarbonyl(methylcyclopentadienyl)manganese is listed
1,2,4-trimethylbenzene is listed

CERCLA:

p-xylene;m-xylene;xylene;o-xylene is regulated with a Reportable Quantity (RQ) of: 100 pounds
ethylbenzene is regulated with a Reportable Quantity (RQ) of: 1000 pounds

State regulations

California / Prop. 65:

ethylbenzene is known to cause: Cancer
NSRL/MADL ($\mu\text{g}/\text{day}$): 54 (inhalation) 41 (oral)

Massachusetts / Right To Know Act:

—
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
p-xylene;m-xylene;xylene;o-xylene is listed
ethylbenzene is listed
Tricarbonyl(methylcyclopentadienyl)manganese is listed
1,2,4-trimethylbenzene is listed
mesitylene;1,3,5-trimethylbenzene is listed
propylbenzene;Cumene is listed

New Jersey / Right To Know Act:

2-butoxyethanol / Substance number: 0275
2-butoxyethanol is on the Special Health Hazard Substance List

—
p-xylene;m-xylene;xylene;o-xylene / Substance number: 2014
p-xylene;m-xylene;xylene;o-xylene is on the Special Health Hazard Substance List

—
ethylbenzene / Substance number: 0851
ethylbenzene is on the Special Health Hazard Substance List



New York / Right To Know Act:

—
Tricarbonyl(methylcyclopentadienyl)manganese / Substance number: 1244

—
1,2,4-trimethylbenzene / Substance number: 2716

—
propylbenzene;Cumene / Substance number: 1607

propylbenzene;Cumene is on the Special Health Hazard Substance List

—
2-butoxyethanol is listed
2-butoxyethanol is regulated with a Threshold Reporting Quantity (TRQ) of: 10 pounds

—
p-xylene;m-xylene;xylene;o-xylene is listed
p-xylene;m-xylene;xylene;o-xylene is regulated with a Reportable Quantity (RQ) of: 1000 pounds

p-xylene;m-xylene;xylene;o-xylene is regulated with a Threshold Reporting Quantity (TRQ) of: 0 pounds

—
ethylbenzene is listed
ethylbenzene is regulated with a Reportable Quantity (RQ) of: 1000 pounds
ethylbenzene is regulated with a Threshold Reporting Quantity (TRQ) of: 0 pounds

—
Tricarbonyl(methylcyclopentadienyl)manganese is listed

Tricarbonyl(methylcyclopentadienyl)manganese is regulated with a Reportable Quantity (RQ) of: 1 pounds

Tricarbonyl(methylcyclopentadienyl)manganese is regulated with a Threshold Reporting Quantity (TRQ) of: 100 pounds

Tricarbonyl(methylcyclopentadienyl)manganese is regulated with a Threshold Planning Quantity (TPQ) of: 100 pounds

—
1,2,4-trimethylbenzene is listed
1,2,4-trimethylbenzene is regulated with a Threshold Reporting Quantity (TRQ) of: 100 pounds

—
mesitylene;1,3,5-trimethylbenzene is listed
mesitylene;1,3,5-trimethylbenzene is regulated with a Threshold Reporting Quantity (TRQ) of: 100 pounds



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Pennsylvania / Right To Know Act:

—
propylbenzene;Cumene is listed
propylbenzene;Cumene is regulated with a
Threshold Reporting Quantity (TRQ) of: 10
pounds

—
2-butoxyethanol is listed

—
p-xylene;m-xylene;xylene;o-xylene is listed
p-xylene;m-xylene;xylene;o-xylene is
hazardous to the environment (E)

—
ethylbenzene is listed
ethylbenzene is hazardous to the
environment (E)

—
Tricarbonyl(methylcyclopentadienyl)mangan
ese is listed
Tricarbonyl(methylcyclopentadienyl)mangan
ese is hazardous to the environment (E)

—
1,2,4-trimethylbenzene is listed
1,2,4-trimethylbenzene is hazardous to the
environment (E)

—
propylbenzene;Cumene is listed

—

15.4. Restrictions for application

Restricted to professional users.

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.

15.6. Additional information

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

15.7. Chemical safety assessment

No

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

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.



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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

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
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)
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
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



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Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by HCS (29 CFR 1910.1200).

▼ 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: US-en