



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

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: Fuel additive
For private use
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: 07 May 2026

SDS Version: 2.0

Date of previous version: 04 March 2025 (1.0)

1.4. Emergency telephone number

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

SECTION 2: HAZARD(S) IDENTIFICATION

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
Skin Irrit. 2; H315, Causes skin irritation.

2.2. Label elements



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▼ Hazard pictogram(s):



Signal word:

Warning

▼ Hazard statement(s):

Combustible liquid (H227)
Causes skin irritation. (H315)

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:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
Wash hands and exposed skin thoroughly after handling. (P264)
Wear protective gloves/protective clothing/eye protection/face protection. (P280)

Response:

In case of fire: Use water mist/carbon dioxide/alcohol-resistant foam to extinguish. (P370+P378)

Storage:

Store in a well-ventilated place. Keep cool. (P403+P235)

▼ Disposal:

Dispose of contents/container in accordance with local regulation. (P501)

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	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	



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Distillates (petroleum), hydrotreated light	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]
Monoalkylaryl alkoxylate aminated	CAS No.: 2306287-53-4	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	
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 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.



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▼ *Skin contact:*

IF ON SKIN: Wash with plenty of water and soap.
Remove contaminated clothing and shoes.
Ensure to wash exposed skin thoroughly with water and soap. 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 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.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

4.3. 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.

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.



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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.
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

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 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

Liquid class:

Combustible Liquid / Class IIIA (NFPA 30)



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Storage conditions:

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

No substances are listed with a permissible exposure limit CIB 66 [NIOSH 2014-100]

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

Appropriate technical measures:

occupational exposure. See occupational hygiene limit values above.

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.

Take off contaminated clothing and wash it before reuse.

▼ *Hygiene measures:*

Measures to avoid environmental exposure:

No specific requirements.

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



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9.1. Information on basic physical and chemical properties

<i>Physical state:</i>	Liquid
<i>Color:</i>	Brown
<i>Odor:</i>	Petroleum-like
<i>Odor threshold (ppm):</i>	No data available.
<i>pH:</i>	No data available.
<i>Density (g/cm³):</i>	No data available.
	-
<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/freezing point (°F):</i>	No data available
<i>Softening point/range (°F):</i>	Does not apply to liquids.
<i>Boiling point (°F):</i>	No data available
<i>Vapor pressure:</i>	No data available
<i>Relative vapor density:</i>	No data available.
<i>Decomposition temperature (°F):</i>	No data available

Data on fire and explosion hazards

▼ <i>Flash point (°F):</i>	152.6
<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>	No data available.

Solubility

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

9.2. Other information

<i>Other physical and chemical parameters:</i>	No data available.
<i>Oxidizing properties:</i>	No data available.

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, including those associated with foreseeable emergencies

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

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

▼ Skin corrosion/irritation

Causes skin irritation.

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.

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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



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▼ Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Other information

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

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

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

SECTION 12: ECOLOGICAL INFORMATION

12.1. ▼ Toxicity

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

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	-	-	-	-	-	-



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* Packing group

** Environmental hazards

▼ **Additional information**

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

Although this product is environmentally hazardous, the environmentally hazardous substance mark has been omitted as the product is supplied in packaging with a maximum quantity of 5 L / 5 kg.

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14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to IMO instruments

No data available.

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 is listed
2-butoxyethanol is listed
Distillates (petroleum), hydrotreated light 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 is listed
propylbenzene;Cumene is listed
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)

Clean Air Act:

EPCRA Section 302:

Tricarbonyl(methylcyclopentadienyl)manganese is regulated with a Threshold Planning



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EPCRA Section 304:

Quantity (TPQ) of: 100 pounds

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

Hazardous chemical inventory reporting:

15.3. ▼ State regulations

▼ *California / Prop. 65:*

ethylbenzene is known to cause: Cancer
NSRL/MADL (µg/day): 54 (inhalation) 41 (oral)

▼ *Massachusetts / Right To Know Act:*

—
Distillates (petroleum), hydrotreated light paraffinic 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 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

—
Tricarbonyl(methylcyclopentadienyl)manganese / Substance number: 1244



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▼ *New York / Right To Know Act:*

—
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
Treshold 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 Treshold 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 Treshold
Reporting Quantity (TRQ) of: 0 pounds

—
Tricarbonyl(methylcyclopentadienyl)mangan
ese is listed
Tricarbonyl(methylcyclopentadienyl)mangan
ese is regulated with a Reportable Quantity
(RQ) of: 1 pounds
Tricarbonyl(methylcyclopentadienyl)mangan
ese is regulated with a Treshold Reporting
Quantity (TRQ) of: 100 pounds
Tricarbonyl(methylcyclopentadienyl)mangan
ese is regulated with a Treshold Planning
Quantity (TPQ) of: 100 pounds

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

—
Mesitylene is listed



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▼ *Pennsylvania / Right To Know Act:*

Mesitylene is regulated with a Treshold Reporting Quantity (TRQ) of: 100 pounds

—
propylbenzene;Cumene is listed
propylbenzene;Cumene is regulated with a Treshold 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)manganese is listed
Tricarbonyl(methylcyclopentadienyl)manganese 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

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

Not applicable.

15.7. Chemical safety assessment

No

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 16: OTHER INFORMATION



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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

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
LogKow = logarithm of the n-octanol/water 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



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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

▼ 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 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