SAFETY DATA SHEET

# Rislone DPF Cleaner

## SECTION 1: IDENTIFICATION

### 1.1. Product identifier

| | |
|---|---|
| *Trade name:* | Rislone DPF Cleaner |
| *Product no.:* | 34744 |

### 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**<br>P.O. Box 187<br>Holly, MI 48442<br>USA<br>(810) 603-1321<br>www.Rislone.com |
| *E-mail:* | support@rislone.com |
| *SDS date:* | 30 January 2025 |
| *SDS Version:* | 2.0 |
| *Date of previous version:* | 29 March 2024 (1.0) |

### 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
Acute Tox. 4; H302, Harmful if swallowed.
Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.
Repr. 1B; H360, May damage fertility or the unborn child.
STOT RE 2; H373, May cause damage to organs through prolonged or repeated exposure.

### 2.2. Label elements

*Hazard pictogram(s):*

| | |
|---|---|
| *Signal word:* | Danger |
| ▼*Hazard statement(s):* | Combustible liquid (H227)<br>Harmful if swallowed. (H302)<br>May be fatal if swallowed and enters airways. (H304)<br>May damage fertility or the unborn child. (H360)<br>May cause damage to organs through prolonged or repeated exposure. (H373) |
| *Precautionary statement(s):* | |
| *General:* | If medical advice is needed, have product container or label at hand. (P101)<br>Keep out of reach of children. (P102) |
| ▼*Prevention:* | Obtain special instructions before use. (P201)<br>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)<br>Do not breathe vapour/mist. (P260)<br>Wash hands and exposed skin thoroughly after handling. (P264)<br>Do not eat, drink or smoke when using this product. (P270)<br>Wear eye protection/protective gloves/protective clothing. (P280) |
| ▼*Response:* | IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)<br>IF exposed or concerned: Get medical advice/attention. (P308+P313)<br>Get medical advice/attention if you feel unwell. (P314)<br>Do NOT induce vomiting. (P331)<br>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)<br>Store locked up. (P405) |
| *Disposal:* | Dispose of contents/container in accordance with local regulation<br>(P501) |
| ▼*Hazardous substances:* | 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.]
Solvent naphtha (petroleum), heavy arom.
ethylbenzene
naphthalene

▼*Additional labelling:* Not applicable.

### 2.3. Other hazards

## 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] |
| p-xylene;m-xylene;xylene;o-xylene | CAS No.: 1330-20-7 | 5-10% | Flam. Liq. 3, H226<br>Acute Tox. 4, H312<br>Skin Irrit. 2, H315<br>Acute Tox. 4, H332 | |
| Solvent naphtha (petroleum), heavy arom. | CAS No.: 64742-94-5 | 1-3% | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336 | [19] |

| | | | | |
|---|---|---|---|---|
| ethylbenzene | CAS No.: 100-41-4 | 1-3% | Flam. Liq. 2, H225<br>Asp. Tox. 1, H304<br>Acute Tox. 4, H332<br>STOT RE 2, H373 | |
| naphthalene | CAS No.: 91-20-3 | <1% | Acute Tox. 4, H302<br>Carc. 2, H351 | |
| phenol, 2-dodecyl-, branched;phenol, dodecyl-, branched;phenol, 3-dodecyl-, branched;phenol, (tetrapropenyl) derivatives;phenol, 4-dodecyl-, branched | CAS No.: 210555-94-5 | <0.25% | Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Repr. 1B, H360 | [19] |
| ethylenediamine;1,2-diaminoethane | CAS No.: 107-15-3 | <0.25% | Flam. Liq. 3, H226<br>Acute Tox. 4, H302<br>Acute Tox. 3, H311<br>Skin Corr. 1B, H314<br>Skin Sens. 1B, H317<br>Acute Tox. 4, H332<br>Resp. Sens. 1B, H334 | |

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.

| | |
|---|---|
| *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.<br>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.<br>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

Headache, Methaemoglobinaemia (naphthalene)
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.
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 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:* | Always store in containers of the same material as the original container. |
| *Storage conditions:* | Dry, cool and well ventilated |
| *Incompatible materials:* | 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

p-xylene;m-xylene;xylene;o-xylene
Long term exposure limit (8 hours) (ppm): 100
Long term exposure limit (8 hours) ($mg/m^3$): 434
Short term exposure limit (15 minutes) (ppm): 150
Short term exposure limit (15 minutes) ($mg/m^3$): 651

ethylbenzene
Long term exposure limit (8 hours) (ppm): 100
Long term exposure limit (8 hours) ($mg/m^3$): 434
Short term exposure limit (15 minutes) (ppm): 125
Short term exposure limit (15 minutes) ($mg/m^3$): 543

naphthalene
Long term exposure limit (8 hours) (ppm): 10
Long term exposure limit (8 hours) ($mg/m^3$): 52
Short term exposure limit (15 minutes) (ppm): 15
Short term exposure limit (15 minutes) ($mg/m^3$): 79
Annotations:
1 = Substance may be readily absorbed through intact skin.

ethylenediamine;1,2-diaminoethane
Long term exposure limit (8 hours) (ppm): 10
Long term exposure limit (8 hours) ($mg/m^3$): 25
Annotations:
1 = Substance may be readily absorbed through intact skin.

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

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BRITISH COLUMBIA
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
naphthalene
Time-Weighted Average Limit (TWA): 10 ppm
Annotations:
Skin = The substances contributes significantly to the overall exposure by the skin route.
ethylenediamine;1,2-diaminoethane
Time-Weighted Average Limit (TWA): 10 ppm
Annotations:
Skin = The substances contributes significantly to the overall exposure by the skin route.
OHS Regulation Part 5: Chemical Agents and Biological Agents.

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ONTARIO
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
naphthalene

Time-Weighted Average Limit (TWA): 10 ppm
Annotations:
"Skin" = Danger of cutaneous absorption.
ethylenediamine;1,2-diaminoethane
Time-Weighted Average Limit (TWA): 10 ppm
Annotations:
"Skin" = Danger of cutaneous absorption.
Regulation 833 (Control of Exposure to Biological or Chemical Agents) and Ontario Regulation 490/09 (Designated Substances)

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QUEBEC
p-xylene;m-xylene;xylene;o-xylene
Long term exposure limit (8 hours) (ppm): 100
Long term exposure limit (8 hours) ($mg/m^3$): 434
ethylbenzene
Long term exposure limit (8 hours) (ppm): 20
Annotations:
Note 3 = Where the use of these products is permitted.
naphthalene
Long term exposure limit (8 hours) (ppm): 10
Annotations:
Pc = Potentially significant contribution to the overall exposure by the cutaneous route. The cutaneous route includes mucous membranes and the eyes.
Note 3 = Where the use of these products is permitted.
ethylenediamine;1,2-diaminoethane
Long term exposure limit (8 hours) (ppm): 10
Long term exposure limit (8 hours) ($mg/m^3$): 25
Annotations:
Pc = Potentially significant contribution to the overall exposure by the cutaneous route. The cutaneous route includes mucous membranes and the eyes.
S = Sensitizer.
Regulation respecting occupational health and safety (Chapter S-2.1, r. 13)

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SASKATCHEWAN
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
naphthalene
Long term exposure limit (8 hours) (ppm): 10
Short term exposure limit (15 minutes) (ppm): 15
Annotations:
Skin = Potentially harmful after absorption through the skin or mucous membranes
ethylenediamine;1,2-diaminoethane
Long term exposure limit (8 hours) (ppm): 10
Short term exposure limit (15 minutes) (ppm): 15
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:* | 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 | |
|---|---|---|---|
| Dedicated work clothing should be worn. | - | - |  |

*Hand protection:*

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

*Eye protection:*

| Type | Standards | |
|---|---|---|
| Safety glasses with side shields. | EN166 |  |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| *Physical state:* | Liquid |
| *Colour:* | Amber |
| *Odour:* | Petroleum distillates |
| *Odour threshold (ppm):* | No data available |
| *pH:* | No data available |
| *Density (g/cm$^3$):* | 1 |
| *Relative density:* | No data available |
| ▼*Kinematic viscosity:* | No relevant or available data due to the nature of the product. |
| *Particle characteristics:* | No data available |

**Phase changes**

| | |
|---|---|
| *Melting point (°C):* | No data available |
| ▼*Softening point/range (°F):* | Does not apply to liquids. |
| *Boiling point (°C):* | No data available |
| *Vapour pressure:* | No data available |
| *Relative vapour density:* | No data available |
| *Decomposition temperature (°C):* | No data available |

**Data on fire and explosion hazards**

| | |
|---|---|
| *Flash point (°C):* | 63<br>Test method: EN ISO 13736 |
| *Flammability (°C):* | No data available |
| *Auto-ignition temperature (°C):* | No data available |
| *Explosion limits (% v/v):* | No data available |

**Solubility**

| | |
|---|---|
| *Solubility in water:* | No data available |
| ▼*n-octanol/water coefficient (LogKow):* | No relevant or available data due to the nature of the product. |
| *Solubility in fat (g/L):* | No data available |

### 9.2. Other information

| | |
|---|---|
| *Sensitivity to shock:* | No |

| | |
|---|---|
| *Evaporation rate (n-butylacetate = 100):* | No data available |
| *Other physical and chemical parameters:* | No data available. |
| *Oxidizing properties:* | 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
Excessive heat

**10.5. Incompatible materials**
Strong acids
Strong oxidizing agents
Strong bases

**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**
Harmful if swallowed.

**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.

**Reproductive toxicity**
May damage fertility or the unborn child.

**STOT-single exposure**

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

**STOT-repeated exposure**

May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**▼Long term effects**

None known.

**Other information**

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.
naphthalene 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
naphthalene is listed with EPA Hazardous Waste Number: U165

**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: |
|---|---|---|---|---|---|---|
| TDG | UN1268 | UN1268 PETROLEUM PRODUCTS, | | III | No | See |

| | 14.1<br>UN / ID | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es) | 14.4<br>PG* | 14.5<br>Env** | Other information: |
|---|---|---|---|---|---|---|
| | | N.O.S., COMBUSTIBLE LIQUID, III; NON-BULK PACKAGES ARE EXEMPTED FROM THE PROVISIONS OF 49 CFR IN USA JURISDICTIONS | | | | below for additional information. |
| IMDG | - | - | - | - | - | - |
| IATA | - | - | - | - | - | - |

* Packing group

** Environmental hazards

**▼Additional information**

Not dangerous goods according to ADR, 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.
-
TDG / See Schedule 1 for any information on special provisions, requirements, or warnings in connection with transport. See part 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

### 15.2. ▼Canadian lists

*NDSL:* Rislone DPF Cleaner is listed

▼*DSL:* Rislone DPF Cleaner 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.

**▼Additional information**

Not applicable.

### 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

H225, Highly flammable liquid and vapour.
H226, Flammable liquid and vapour.
H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H311, Toxic in contact with skin.
H312, Harmful in contact with skin.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H332, Harmful if inhaled.
H334, May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H336, May cause drowsiness or dizziness.
H351, Suspected of causing cancer.
H360, May damage fertility or the unborn child.
H373, May cause damage to organs through prolonged or repeated exposure.

### 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 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