

SAFETY DATA SHEET

Rislone DPF Cleaner

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

1.1. Product identifier

Trade name: Rislone DPF Cleaner

Product no.: 24744

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

29 March 2024

SDS Version: 2.0

Date of previous version: 19 February 2024 (2.0)

1.4. Emergency telephone number

ChemTel Inc.

SDS date:

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Flam. Lig. 4; H227, Combustible liquid

Acute Tox. 4; H302, Harmful if swallowed.

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.

Skin Irrit. 3; H316, Causes mild skin irritation

Acute Tox. 4; H332, Harmful if inhaled.

Muta. 1B; H340, May cause genetic defects.

Carc. 1B; H350, May cause cancer.

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)

Harmful if swallowed or if inhaled.

(H302+H332)

May be fatal if swallowed and enters airways.

(H304)

Causes mild skin irritation (H316) May cause genetic defects. (H340)

May cause cancer. (H350)

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) Keep out of reach of children. (P102)

Prevention: Obtain special instructions before use. (P201)

Wear eye protection/protective gloves/protective clothing. (P280)

Response: IF exposed or concerned: Get medical

advice/attention. (P308+P313)

Get medical advice/attention if you feel

unwell. (P314)

Storage: Store locked up. (P405)

Disposal: Dispose of contents/container in accordance

with local regulation

(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.] p-xylene;m-xylene;xylene;o-xylene

Solvent naphtha (petroleum), heavy arom.

ethylbenzene

Restricted to professional users.

2.3. Other hazards

Additional labelling:

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 EC No.: 265-158-7	25-40%	Asp. Tox. 1, H304	[19]
p-xylene;m- xylene;xylene;o-xylene	CAS No.: 1330-20-7 EC No.: 215-535-7	5-10%	Flam. Liq. 3, H226 Acute Tox. 4, H312 Skin Irrit. 2, H315 Acute Tox. 4, H332	
Solvent naphtha (petroleum), heavy arom.	CAS No.: 64742-94-5 EC No.: 265-198-5	1-3%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336	[19]
ethylbenzene	CAS No.: 100-41-4 EC No.: 202-849-4	1-3%	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Acute Tox. 4, H332 STOT RE 2, H373	
naphthalene	CAS No.: 91-20-3 EC No.: 202-049-5	<1%	Acute Tox. 4, H302 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 EC No.: 640-104-9	<0.25%	Skin Corr. 1C, H314 Eye Dam. 1, H318 Repr. 1B, H360	[19]
ethylenediamine;1,2- diaminoethane	CAS No.: 107-15-3 EC No.: 203-468-6	<0.25%	Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Corr. 1B, H314 Skin Sens. 1B, H317 Acute Tox. 4, H332 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

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4.1.	Descri	ption	ot tirst	aıa	measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this

safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person

water or other drink.

Inhalation: Upon breathing difficulties or irritation of the

respiratory tract: Bring the injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. 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

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: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Combustible liquid

In use may form flammable/explosive vapour-air mixture.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters. If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO2)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon



direct exposure contact the national poisons emergency services in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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 temperature: 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

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

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



Ceiling value (VLE-P): 100 ppm

Annotations:

A4 = Not classified as a human carcinogen

IBE = Biological limit value recommended for the substance.

ethylbenzene

Ceiling value (VLE-P): 20 ppm

Annotations:

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

IBE = Biological limit value recommended for the substance.

naphthalene

Time Weighted Average Exposure Limit Value (VLE-PPT): 15 ppm

Ceiling value (VLE-P): 10 ppm

Annotations:

A4 = Not classified as a human carcinogen

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

ethylenediamine;1,2-diaminoethane

Ceiling value (VLE-P): 10 ppm

Annotations:

A4 = Not classified as a human carcinogen

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

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

DNEL:

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.]

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	970 μg/kgbw/day
Long term – Local effects - General population	Inhalation	1.19 mg/m³
Long term – Local effects - Workers	Inhalation	5.58 mg/m ³
Long term – Systemic effects - Workers	Inhalation	2.73 mg/m ³
Long term – Systemic effects - General population	Oral	740 μg/kgbw/day

ethylbenzene

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	180 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	442 mg/m³



Long term – Systemic effects - General population	Inhalation	15 mg/m³
Long term – Systemic effects - Workers	Inhalation	77 mg/m³
Short term – Local effects - Workers	Inhalation	293 mg/m³
Long term – Systemic effects - General population	Oral	1.6 mg/kg bw/day

ethylenediamine;1,2-diaminoethane

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Inhalation	6.25 mg/m ³
Long term – Systemic effects - Workers	Inhalation	25 mg/m³
Long term – Systemic effects - General population	Oral	110 μg/kgbw/day

naphthalene

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	3.57 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	25 mg/m³
Long term – Local effects - Workers	Inhalation	25 mg/m ³
Long term – Systemic effects - Workers	Inhalation	25 mg/m ³

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

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	125 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	212 mg/kg bw/day
Long term – Local effects - General population	Inhalation	65.3 mg/m ³
Long term – Local effects - Workers	Inhalation	221 mg/m³
Long term – Systemic effects - General population	Inhalation	65.3 mg/m ³
Long term – Systemic effects - Workers	Inhalation	221 mg/m³
Short term – Local effects - General population	Inhalation	260 mg/m ³
Short term – Local effects - Workers	Inhalation	442 mg/m³
Short term – Systemic effects - General population	Inhalation	260 mg/m ³
Short term – Systemic effects - Workers	Inhalation	442 mg/m³
Long term – Systemic effects - General population	Oral	5 mg/kg bw/day

Solvent naphtha (petroleum), heavy arom.

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	280 μg/kgbw/day
Long term – Systemic effects - Workers	Dermal	950 µg/kgbw/day
Long term – Local effects - General population	Inhalation	690 µg/m³
Long term – Local effects - Workers	Inhalation	2.31 mg/m ³
Long term – Systemic effects - General population	Inhalation	690 μg/m³
Long term – Systemic effects - Workers	Inhalation	2.31 mg/m ³



Short term – Local effects - General population	Inhalation	143.5 mg/m ³
Short term – Local effects - Workers	Inhalation	160.23 mg/m ³
Short term – Systemic effects - General population	Inhalation	226 mg/m³
Short term – Systemic effects - Workers	Inhalation	384 mg/m³
Long term – Systemic effects - General population	Oral	30 µg/kgbw/day
Short term – Systemic effects - General population	Oral	25.6 mg/kg bw/day

PNEC:

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.]

Route of exposure:	Duration of Exposure:	PNEC:
Predators		9.33 mg/kg

ethylbenzene

Route of exposure:	Duration of Exposure:	PNEC:	
Freshwater		100 μg/L	
Freshwater sediment		13.7 mg/kg	
Intermittent release (freshwater)		100 μg/L	
Marine water		10-100 μg/L	
Marine water sediment		1.37 mg/kg	
Predators		20 mg/kg	
Sewage treatment plant		9.6 mg/L	
Soil		2.68 mg/kg	

ethylenediamine;1,2-diaminoethane

Route of exposure:	Duration of Exposure:	PNEC:	
Freshwater		16 μg/L	
Freshwater sediment		7.68 mg/kg	
Intermittent release (freshwater)		167 μg/L	
Marine water		2 μg/L	
Marine water sediment		768 µg/kg	
Predators		4.9 mg/kg	
Sewage treatment plant		320 μg/L	
Soil		4.36 mg/kg	

naphthalene

Route of exposure:	Duration of Exposure:	PNEC: 2.4 µg/L	
Freshwater		2.4 μg/L	
Freshwater		2.4 μg/L	





Freshwater sediment	67.2 μg/kg
Freshwater sediment	67.2 μg/kg
Intermittent release (freshwater)	20 μg/L
Intermittent release (freshwater)	20 μg/L
Marine water	2.4 μg/L
Marine water	2.4 μg/L
Marine water sediment	67.2 μg/kg
Marine water sediment	67.2 μg/kg
Sewage treatment plant	2.9 mg/L
Soil	53.3 μg/kg
Soil	53.3 μg/kg

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

Route of exposure:	Duration of Exposure:	e: PNEC:	
Freshwater		44-327 μg/L	
Freshwater sediment		2.52-12.46 mg/kg	
Intermittent release (freshwater)		10-327 μg/L	
Intermittent release (marine water)		1 μg/L	
Marine water		4.4-327 μg/L	
Marine water sediment		252-12460 µg/kg	
Sewage treatment plant		1.6-6.58 mg/L	
Soil		852-2310 μg/kg	

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 CE marked protective equipment.

Respiratory Equipment:
No specific requirements

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	35

Hand protection:

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

Eye protection:

Туре	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form: Liquid Colour: Amber

Odour:Petroleum distillatesOdour threshold (ppm):No data availablepH:No data available

▼ Density (g/cm³):

Relative density: No data available

Kinematic viscosity: Testing not relevant or not possible due to

the nature of the product.

Phase changes

Melting point (°C):

No data available



Boiling point (°C): No data available Vapour pressure: No data available Relative vapour density: No data available No data available Decomposition temperature (°C): Evaporation rate (n-butylacetate = 100): No data available

Data on fire and explosion hazards

Flash point (°C): 63

Flammability (°C): No data available No data available Auto-ignition temperature (°C): Explosion limits (% v/v): No data available Explosive properties: No data available No data available Oxidizing properties:

Solubility

Solubility in water: No data available

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

the nature of the product.

No data available Solubility in fat (q/L):

9.2. Other information

▼ Sensitivity to shock: No

No data available **▼** Evaporation rate (n-butylacetate = 100):

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".

Possibility of hazardous reactions 10.3.

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

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

SECTION 11: TOXICOLOGICAL INFORMATION



11.1. Information on toxicological effects

Acute toxicity

Harmful if swallowed.

Harmful 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

May cause cancer.

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

Long term effects

Carcinogenic effects: This product contains substances considered or proven to be carcinogenic. The carcinogenic effects may be triggered subsequent to exposure through inhalation, skin contact or ingestion.

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

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

Contaminated packing

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

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*		Other information:
ADR		UN1268 PETROLEUM PRODUCTS, N.O.S., COMBUSTIBLE LIQUID, III; NON-BULK PACKAGES ARE EXEMPTED FROM THE PROVISIONS OF 49 CFR IN USA JURISDICTIONS		III	No	See below for additional information.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

^{*} Packing group

▼ Additional information

Not dangerous goods according to SCT, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

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

No data available.

SECTION 15: REGULATORY INFORMATION

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

Restrictions for application:

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.

exposure, must be considered.

^{**} Environmental hazards



Demands for specific education: No specific requirements.

Additional information: Tactile warning.

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

National Inventory of Chemical Substances of Mexico p-xylene;m-xylene;xylene;o-xylene is listed (INSQ):

Solvent naphtha (petroleum), heavy arom. is

listed

ethylbenzene is listed naphthalene is listed

ethylenediamine;1,2-diaminoethane is listed

Federal Regulations on Safety and Health at

Work (DOF: 13/11/2014)

Official Mexican standard NOM-018-STPS-

2015, Harmonized System for the

identification and communication of hazards

and risks from hazardous chemical

substances in the workplace

15.2. Chemical safety assessment

Sources:

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

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

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor



CAS = Chemical Abstracts Service

DOF = The national registry of laws

ECOL (SEMARNAT) = Secretariat of the Environment and Natural Resources

EINECS = European Inventory of Existing Commercial chemical Substances

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

INSQ = National Inventory of Chemical Substances of Mexico

LogKoc = Soil adsorption coefficient

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978. ("Marpol" = marine pollution)

NOM = Official Mexican standard

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

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

SCL = Specific concentration limit.

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

STPS = Ministry of Labor and Social Welfare

UN = United Nations

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

VLE-CT = Short-term exposure limit

VLE-P = Ceiling value

VLE-PPT = Time Weighted Average Exposure Limit Value

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods.

▼ The safety data sheet is validated by

ΝL

▼ Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: MX-en