



Conforms to SANS 11014:2010 – South Africa

SAFETY DATA SHEET

Rislone DPF Cleaner

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Trade name: Rislone DPF Cleaner
Product no.: 44744

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.

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

Distributor: **Keizin Automotive**
Unit B6, Glen Murray Ind. Park
PO Box 201728, Durban North, 4016
South Africa

E-mail: support@rislone.com
SDS date: 11 April 2024
SDS Version: 1.0

Emergency telephone number

ChemTel Inc.
(800) 255-3924 (North America)
+1 (813) 248-0585 (International)
Keizin Automotive Ltd
27 (31) 569 2221

SECTION 2: HAZARDS IDENTIFICATION

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.

Classification of the substance or mixture



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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.
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.
Aquatic Acute 3; H402, Harmful to aquatic life.
Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

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)
Harmful to aquatic life. (H402)
Harmful to aquatic life with long lasting
effects. (H412)

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



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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

Additional labelling:

Restricted to professional users.

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

Substances

Not applicable. This product is a mixture.

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	



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			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 Aquatic Chronic 2, H411	[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 Aquatic Chronic 3, H412	
naphthalene	CAS No.: 91-20-3 EC No.: 202-049-5	<1%	Acute Tox. 4, H302 Carc. 2, H351 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
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 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	[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 Aquatic Chronic 3, H412	

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



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SECTION 4: FIRST AID MEASURES

Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact Tygerberg Poison Information Centre: 861 555 777 (24-hour service)
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.

Most important symptoms and effects, both acute and delayed

Headache, Methaemoglobinaemia (naphthalene)

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms



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of chemical pneumonia may appear after several hours.

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

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.

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)

Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact Tygerberg Poison Information Centre (tel: 861 555 777) to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

Environmental precautions

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

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.

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

Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

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.

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

Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

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

Short term exposure limit (15 minutes) (ppm): 300

Long term exposure limit (8 hours) (ppm): 200

Annotations:

SKIN = Danger of cutaneous absorption. Refers to the potential significant contribution to the overall exposure by the cutaneous route including mucous membranes and the eyes by contact with vapours, liquids and solids. Overexposure may also occur following dermal contact with liquids and aerosols, even when airborne exposures at-/or below the OEL.

ethylbenzene

Long term exposure limit (8 hours) (ppm): 40

Annotations:

CARC = The substance is carcinogenic based on IARC categorisation including category 1A, 1B and Category 2

SKIN = Danger of cutaneous absorption. Refers to the potential significant contribution to the overall exposure by the cutaneous route including mucous membranes and the eyes by contact with vapours, liquids and solids. Overexposure may also occur following dermal contact with liquids and aerosols, even when airborne exposures at-/or below the OEL.

naphthalene

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

Annotations:

CARC = The substance is carcinogenic based on IARC categorisation including category 1A, 1B and Category 2



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SKIN = Danger of cutaneous absorption. Refers to the potential significant contribution to the overall exposure by the cutaneous route including mucous membranes and the eyes by contact with vapours, liquids and solids. Overexposure may also occur following dermal contact with liquids and aerosols, even when airborne exposures at-/or below the OEL.

ethylenediamine;1,2-diaminoethane
 Long term exposure limit (8 hours) (ppm): 20

: Regulations for Hazardous Chemical Agents (2021)

DNEL

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/m ³
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/m ³
Long term – Systemic effects - General population	Inhalation	15 mg/m ³
Long term – Systemic effects - Workers	Inhalation	77 mg/m ³
Short term – Local effects - Workers	Inhalation	293 mg/m ³
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/m ³
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



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Long term – Local effects - Workers	Inhalation	25 mg/m ³
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/m ³
Long term – Systemic effects - General population	Inhalation	65.3 mg/m ³
Long term – Systemic effects - Workers	Inhalation	221 mg/m ³
Short term – Local effects - General population	Inhalation	260 mg/m ³
Short term – Local effects - Workers	Inhalation	442 mg/m ³
Short term – Systemic effects - General population	Inhalation	260 mg/m ³
Short term – Systemic effects - Workers	Inhalation	442 mg/m ³
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/m ³
Long term – Local effects - Workers	Inhalation	2.31 mg/m ³
Long term – Systemic effects - General population	Inhalation	690 µg/m ³
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/m ³
Short term – Systemic effects - Workers	Inhalation	384 mg/m ³
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:
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Predators		9.33 mg/kg
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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:
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:	PNEC:
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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

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:




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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

Information on basic physical and chemical properties

<i>Form:</i>	Liquid
<i>Colour:</i>	Amber
<i>Odour:</i>	Petroleum distillates
<i>Odour threshold (ppm):</i>	No data available
<i>pH:</i>	No data available
<i>Density (g/cm³):</i>	1
<i>Relative density:</i>	No data available
<i>Kinematic viscosity:</i>	Testing not relevant or not possible due to the nature of the product.

Particle characteristics

No data available

Phase changes

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

Data on fire and explosion hazards

<i>Flash point (°C):</i>	63
<i>Flammability (°C):</i>	No data available



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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): Testing not relevant or not possible due to the nature of the product.

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

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

Reactivity

No data available.

Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

Possibility of hazardous reactions

None known.

Conditions to avoid

Heat, flames, and sparks
Excessive heat

Incompatible materials

Strong acids
Strong oxidizing agents
Strong bases

Hazardous decomposition products

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

SECTION 11: TOXICOLOGICAL INFORMATION

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



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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.

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.

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

Toxicity

Harmful to aquatic life with long lasting effects.

Persistence and degradability

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

Bioaccumulative potential

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

Mobility in soil

No data available.

Results of PBT and vPvB assessment

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

Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.



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SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

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

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:
ADR	UN1268	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

** Environmental hazards

Additional information

Not dangerous goods according to SABS Code 0228.

Special precautions for user

Not applicable.

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

No data available.

SECTION 15: REGULATORY INFORMATION

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.



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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.

Sources:

National Environmental Management: Waste Act 2008 (Act no. 59 of 2008)

Waste Classification and Management Regulations

Minimum Requirements for the Handling, Classification and Disposal of Hazardous Waste (MRHW)

SANS 10234 : 1.01ED 2008 GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS)

Chemical safety assessment

No

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.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.

H411, Toxic to aquatic life with long lasting effects.

H412, Harmful to aquatic life with long lasting effects.

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



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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

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by SANS 10234

The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by SANS 10234

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.

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