

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Preventol RI 50

Version 1.0 Revision Date: 21.05.2019 SDS Number: 103000008569 Date of last issue: 21.12.2017
Country / Language: GB / EN(GB)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : Preventol RI 50
Product code : 57874793

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub-stance/Mixture : surfactant

A tabular overview of all uses for which an exposure scenario is provided can be found at the beginning of the annex to this safety data sheet.

1.3 Details of the supplier of the safety data sheet

Supplier : LANXESS Distribution GmbH
51369 Leverkusen, Germany
Telephone : +4922188852288
Telefax : +492143055787
E-mail address of person responsible for the SDS : infosds@lanxess.com

1.4 Emergency telephone number

0870 190 6777. National Chemical Emergency Centre

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H302: Harmful if swallowed.
Skin corrosion, Sub-category 1B	H314: Causes severe skin burns and eye damage.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Short-term (acute) aquatic hazard, Category 1	H400: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard, Category 1	H410: Very toxic to aquatic life with long lasting effects.

2.2 Label elements


Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements	:	Prevention: P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. Response: P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. P391 Collect spillage. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, CAS-No. 68424-85-1

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Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	85409-22-9 287-089-1 01-2119970550-39	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor Aquatic Acute: 10 M-Factor Aquatic Chronic: 1	>= 50 - < 70

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
- In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
If on skin, rinse well with water.
Continue to rinse for at least 10 minutes.
Take off contaminated clothing and shoes immediately.
Wash contaminated clothing before reuse.
Thoroughly clean shoes before reuse.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tis-

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sue damage and blindness.
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
Continue to rinse for at least 10 minutes.
Remove contact lenses.
Protect unharmed eye.
Continue rinsing eyes during transport to hospital.
Chemical burns must be treated promptly by a physician.
If eye irritation persists, consult a specialist.

If swallowed : If symptoms persist, call a physician or Poison Control Centre immediately.
Keep respiratory tract clear.
Do NOT induce vomiting.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.
Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Stop if the exposed person feels sick as vomiting may be dangerous.
If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
Chemical burns must be treated promptly by a physician.
If unconscious, place in recovery position and get medical attention immediately.
Loosen tight clothing such as a collar, tie, belt or waistband.
Clean mouth with water and drink afterwards plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Risks : Harmful if swallowed.
Causes serious eye damage.
Causes severe burns.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No special measures required.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : In a fire or if heated, a pressure increase will occur and the container may burst.

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Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
No action shall be taken involving any personal risk or without suitable training.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : No action shall be taken involving any personal risk or without suitable training.
Keep unnecessary and unprotected personnel from entering.
Do not touch or walk through spilt material.
Do not breathe vapours, aerosols.
Wear respiratory protection.
Ensure adequate ventilation.
Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.
For disposal considerations see section 13.

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SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Annex should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

- Advice on safe handling : Do not breathe vapours/dust.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
To avoid spills during handling keep bottle on a metal tray.
Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Hygiene measures : When using do not eat or drink. When using do not smoke.
Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re-sealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
- Recommended storage temperature : 5 - 40 °C
- Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

- Specific use(s) : Washing and cleaning products
Cosmetics, personal care products

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Annex should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

Contains no substances with occupational exposure limit values.

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Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	Workers	Inhalation	Long-term exposure, Systemic effects	3.96 mg/m ³
	Workers	Dermal	Long-term exposure, Systemic effects	5.7 mg/kg bw/day
	Consumers	Inhalation	Long-term exposure, Systemic effects	1.64 mg/m ³
	Consumers	Dermal	Long-term exposure, Systemic effects	3.4 mg/kg bw/day
	Consumers	Oral	Long-term exposure, Systemic effects	3.4 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	Fresh water	0.0009 mg/l
	Marine water	0.00096 mg/l
	Intermittent use/release	0.00016 mg/l
	Fresh water sediment	12.27 mg/kg dry weight (d.w.)
	Marine sediment	13.09 mg/kg dry weight (d.w.)
	Sewage treatment plant	0.4 mg/l
	Soil	7 mg/kg dry weight (d.w.)

8.2 Exposure controls

Personal protective equipment

Eye protection : Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Hand protection

Material : Polychloroprene - CR
Wearing time : < 60 min

Material : Polyvinyl chloride - PVC
Wearing time : < 60 min

Remarks : After contamination with product change the gloves immediately and dispose of them according to relevant national and local regulations
The suitability for a specific workplace should be discussed with the producers of the protective gloves.

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Skin and body protection	:	Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Respiratory protection	:	Vapour respirator
Filter type	:	Combined inorganic and acidic gas/vapour, ammonia/amines and organic vapour type (ABEK)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	Liquid
Colour	:	light yellow
Odour	:	Almond-like.
Odour Threshold	:	No data available
pH	:	7 - 7.5 Concentration: 5 %
Melting point/range	:	< 0 °C
Boiling point/boiling range	:	> 100 °C (1,013 hPa)
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Relative density	:	No data available
Density	:	0.99 kg/l (20 °C)
Solubility(ies) Water solubility	:	soluble in cold water
Partition coefficient: n-	:	No data available

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octanol/water

Ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : < 100 mPa.s

Explosive properties : No data available

Oxidizing properties : No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.
Stable under recommended storage conditions.
No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No specific data.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

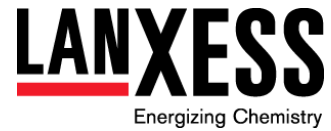
Harmful if swallowed.

Product:

Acute oral toxicity : Acute toxicity estimate: 1,590 mg/kg
Method: Calculation method

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Components:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides:

Acute oral toxicity : LD50 (Rat, male and female): 795 mg/kg
Method: OECD Test Guideline 401
GLP: yes

Acute dermal toxicity : LD50 (Rabbit, male and female): 3,412 mg/kg
Method: OECD Test Guideline 401
GLP: no

Skin corrosion/irritation

Causes severe burns.

Components:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides:

Species: Rabbit
Result: Causes burns.

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks: May cause irreversible eye damage.

Components:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides:

Species: Rabbit
Result: Risk of serious damage to eyes.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides:

Exposure routes: Skin contact
Species: Guinea pig
Method: OECD Test Guideline 406
Result: Not a skin sensitizer.
GLP: yes

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Germ cell mutagenicity

Not classified based on available information.

Components:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides:

Genotoxicity in vitro : Test system: Mammalian-Animal
Metabolic activation: with and without metabolic activation
Method: OPPTS 870.5300
Result: negative
GLP: yes

Test system: Mammalian-Animal
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 473
Result: negative
GLP: yes

Test system: Mammalian-Animal
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 476
Result: negative
GLP: yes

Test system: Bacteria
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
GLP: yes

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Components:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides:

Effects on fertility : Species: Rat, male and female
Application Route: Oral
Dose: 61 milligram per kilogram
Duration of Single Treatment: 18 Weeks
Method: OECD Test Guideline 416
GLP: yes
Remarks: Did not show mutagenic or teratogenic effects in animal experiments.

Species: Rat, male and female
Application Route: Oral
Dose: 96 milligram per kilogram
Duration of Single Treatment: 10 Weeks
Method: OECD Test Guideline 416

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GLP: yes
Remarks: Did not show mutagenic or teratogenic effects in animal experiments.

Effects on foetal development : Species: Rat
Application Route: Oral
Dose: 81 milligram per kilogram
Duration of Single Treatment: 16 d
Method: OECD Test Guideline 414
Result: No effects on fertility and early embryonic development were detected.
GLP: yes

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides:

Species: Rat, male
NOAEL: 31 mg/kg
Application Route: Oral
Exposure time: 95 d
Method: OECD Test Guideline 408
GLP: yes
Remarks: Subchronic toxicity

Species: Rat, female
NOAEL: 38 mg/kg
Application Route: Oral
Exposure time: 96 d
Method: OECD Test Guideline 408
GLP: yes
Remarks: Subchronic toxicity

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks: No data available

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SECTION 12: Ecological information

12.1 Toxicity

Components:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides:

- Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 0.515 mg/l
Exposure time: 96 h
Method: EPA OPP 72-1 (Fish Acute Toxicity Test)
GLP: yes
Remarks: Fresh water
- Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 0.016 mg/l
Exposure time: 48 h
Method: Regulation (EC) No. 440/2008, Annex, C.2
GLP: yes
Remarks: Fresh water
- Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (microalgae)): 0.03 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 201
GLP: yes
Remarks: Fresh water
- NOEC (Pseudokirchneriella subcapitata (microalgae)): 0.0025 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 201
GLP: yes
Remarks: Fresh water
- M-Factor (Short-term (acute) aquatic hazard) : 10
- Toxicity to fish (Chronic toxicity) : NOEC: 0.0322 mg/l
Exposure time: 28 d
Species: Pimephales promelas (fathead minnow)
Method: U.S. EPA FIFRA 72-4(a)
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.0125 mg/l
Exposure time: 21 Days
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 211
GLP: yes
Remarks: Fresh water
- M-Factor (Long-term (chronic) aquatic hazard) : 1

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12.2 Persistence and degradability

Components:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides:

Biodegradability : Test Type: aerobic
Result: Readily biodegradable.
Biodegradation: 95.5 %
Exposure time: 28 d
Method: OECD Test Guideline 301B
GLP: no

12.3 Bioaccumulative potential

Components:

Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides:

Partition coefficient: n-octanol/water : log Pow: 0.004
Method: OECD Test Guideline 107

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Annex should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

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Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14: Transport information

14.1 UN number

ADN	:	UN 1760
ADR	:	UN 1760
RID	:	UN 1760
IMDG	:	UN 1760
IATA	:	UN 1760

14.2 UN proper shipping name

ADN	:	CORROSIVE LIQUID, N.O.S. (ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE)
ADR	:	CORROSIVE LIQUID, N.O.S. (ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE)
RID	:	CORROSIVE LIQUID, N.O.S. (ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE)
IMDG	:	CORROSIVE LIQUID, N.O.S. (ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE)
IATA	:	Corrosive liquid, n.o.s. (ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE)

14.3 Transport hazard class(es)

ADN	:	8
ADR	:	8
RID	:	8
IMDG	:	8
IATA	:	8

14.4 Packing group

ADN	:	
Packing group	:	II
Classification Code	:	C9
Hazard Identification Number	:	80
Labels	:	8

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ADR

Packing group : II
Classification Code : C9
Hazard Identification Number : 80
Labels : 8



Tunnel restriction code : E

RID

Packing group : II
Classification Code : C9
Hazard Identification Number : 80
Labels : 8



IMDG

Packing group : II
Labels : 8
:



IATA (Cargo)

Packing instruction (cargo aircraft) : 855: 30.00 L
Packing group : II
Labels : 8
:



IATA (Passenger)

Packing instruction (passenger aircraft) : 851: 1.00 L
Packing group : II
Labels : 8

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14.5 Environmental hazards

ADN

Environmentally hazardous : yes



ADR

Environmentally hazardous : yes



RID

Environmentally hazardous : yes



IMDG

Marine pollutant : yes



IATA (Passenger)

Environmentally hazardous : yes



IATA (Cargo)

Environmentally hazardous : yes



14.6 Special precautions for user

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Hazard statements : Corrosive.
Environmentally hazardous substance.
Keep away from foodstuffs, acids and alkalis.

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

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Council Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors. : Neither banned nor restricted

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:
Number on list: 3

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		Quantity 1	Quantity 2
E1	ENVIRONMENTAL HAZARDS	100 t	200 t

Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

15.2 Chemical safety assessment

Chemical Safety Assessment not yet performed.

SECTION 16: Other information

Full text of H-Statements

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- H302 : Harmful if swallowed.
- H314 : Causes severe skin burns and eye damage.
- H318 : Causes serious eye damage.
- H400 : Very toxic to aquatic life.
- H410 : Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

- Acute Tox. : Acute toxicity
- Aquatic Acute : Short-term (acute) aquatic hazard
- Aquatic Chronic : Long-term (chronic) aquatic hazard
- Eye Dam. : Serious eye damage
- Skin Corr. : Skin corrosion

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

Further information

Classification of the mixture:

Acute Tox. 4	H302
Skin Corr. 1B	H314
Eye Dam. 1	H318
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Classification procedure:

Calculation method
Calculation method
Calculation method
Calculation method
Calculation method

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet and its Annex [if required according to Regulation (EC) 1907/2006 (REACH)] is to describe the products in terms of their safety requirements. The given details do not imply any guarantee concerning the composition, properties or performance.