

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : STOP Algae and Fungus - Concentrate, chlorine free
(Algen und Schimmel STOP - Konzentrat)
Revision date : 24.03.2025
Print date : 24.03.2025

Version (Revision) : 12.0.0 (11.0.0)
Article number : 0076__000

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

1.1 Product identifier

STOP Algae and Fungus - Concentrate, chlorine free
(Algen und Schimmel STOP - Konzentrat) (0076__000)
Unique Formula Identifier (UFI) : F06Y-HV02-WP0K-AW6A

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

Relevant identified uses

Sectors of use [SU]

SU21 - Consumer uses: Private households (= general public = consumers)
SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Products Category [PC]

PC 8 - Biocidal products

1.3 Details of the supplier of the safety data sheet

Supplier

PUFAS Werk KG

Street : Im Schedetal 1

Postal code/City : 34346 Hann. Münden

Telephone : +49 (0)5541 7003-01

Telefax : +49 (0)5541 7003-50

Information contact : sds@pufas.de

Homepage: www.pufas.com

1.4 Emergency telephone number

+49 (0)5541 7003-41/-64
Only available during office hours (Mo-Th 8 - 16 h, Fr 8 - 12.30 h).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Corr. 1C ; H314 - Skin corrosion/irritation : Category 1C ; Causes severe skin burns and eye damage.
Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.
Aquatic Acute 1 ; H400 - Hazardous to the aquatic environment : Acute 1 ; Very toxic to aquatic life.
Aquatic Chronic 2 ; H411 - Hazardous to the aquatic environment : Chronic 2 ; Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Corrosion (GHS05) · Environment (GHS09)

Signal word

Danger

Hazard components for labelling

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL , CHLORIDE ; CAS No. : 68424-85-1

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Hazard statements

H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.
P260 Do not breathe vapours/spray.
P280 Wear protective gloves/eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P101 If medical advice is needed, have product container or label at hand.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/regional/national regulations of waste disposal.

2.3 Other hazards

This mixture does not knowingly contain SVHC substances >0.1% (<https://echa.europa.eu/de/candidate-list-table>).

Adverse human health effects and symptoms

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description

Consists of: Quaternary ammonium compounds, nonionic surfactants, additives and water

Hazardous ingredients

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL , CHLORIDE ; REACH No. : 01-2119983287-23 ; EC No. : 270-325-2; CAS No. : 68424-85-1

Weight fraction : $\geq 5 - < 10 \%$
Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Aquatic Acute 1 ; H400 Aquatic Chronic 1 ; H410
Specific Conc. Limits : (M Chronic=1) • (M Acute=10)

ISOTRIDECANOL ETHOXYLATED ; REACH No. : Art. 2 (9) ; EC No. : 931-138-8; CAS No. : 69011-36-5

Weight fraction : $\geq 5 - < 10 \%$
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Follow the instructions for use on the label. When in doubt or if symptoms are observed, get medical advice. Change contaminated, saturated clothing.

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Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

Following ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician in any case!

4.2 Most important symptoms and effects, both acute and delayed

There are no more informations available on the mixture itself.

4.3 Indication of any immediate medical attention and special treatment needed

There are no more informations available on the mixture itself.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire may be liberated: Pyrolysis products, toxic

5.3 Advice for firefighters

Special protective equipment for firefighters

Do not inhale explosion and combustion gases. Use suitable breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

The usual precautionary measures for the handling of chemicals have to be observed.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For containment

Soak up inert absorbent and dispose as waste requiring special attention. Do not dry up the product.

6.4 Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Normal precautions taken when handling chemicals should be observed. Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs.

Measures to prevent fire

No special measures are necessary.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.

Hints on joint storage

Storage class (TRGS 510) : 8B

Further information on storage conditions

Do not store outside. Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Please note safety instructions and directions for use on the drum.

Do not store at temperatures below : Avoid cooling to under 0°C.

7.3 Specific end use(s)

Recommendation

Observe technical data sheet.

Industrial sector specific solutions

Product identifier : GISBAU-GISCODE / Produkt-Code: not applicable

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection

goggles

Skin protection

Hand protection

By long-term hand contact : Gloves(tested for example according to EN374) made of the following materials used by hand contact with the product:

Butyl rubber

Thickness of the gloves: > 0.5 mm

Breakthrough time: >= 8h, wearing period: max: 8h

or

Polychloroprene

Thickness of the gloves:> 0.5 mm

Breakthrough time: 4 - 8 hours, wearing period: max: 4h

After washing hands replace lost skin fat by fat containing skin creams.

Body protection

Wearing of closed working clothes. Remove contaminated, saturated clothing.

Respiratory protection

Suitable respiratory protection apparatus

Usually no personal respirative protection necessary.

General information

The usual precautionary measures for the handling of chemicals have to be observed. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

Environmental exposure controls

See also section 6 and 12.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Liquid

Colour : colourless

Odour

characteristic

Safety characteristics

Melting point/freezing point :	(1013 hPa)	approx.	0	°C	
Initial boiling point and boiling range :	(1013 hPa)	approx.	100	°C	
Flash point :			none		Brookfield
Auto-ignition temperature :			none		
Lower explosion limit :			not relevant		
Upper explosion limit :			not relevant		
Vapour pressure :	(50 °C)	approx.	123,5	hPa	
Density :	(20 °C)	approx.	1	g/cm ³	
Solvent separation test :	(20 °C)		none		
Water solubility :	(20 °C)		soluble		
pH :		approx.	8		
Flow time :	(23 °C)	<	11	s	ISO cup 6 mm
Cinematic viscosity :	(40 °C)		not relevant		
VOC-value :		<	30	g/l	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

None, if handled according to order.

10.6 Hazardous decomposition products

None, if handled according to order.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

Acute oral toxicity

Parameter :	ATEmix
Exposure route :	Oral

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Effective dose : > 2000 mg/kg
Parameter : ATE (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL ,
CHLORIDE ; CAS No. : 68424-85-1)
Exposure route : Oral
Effective dose : 600 mg/kg
Parameter : LD50 (ISOTRIDECANOL ETHOXYLATED ; CAS No. : 69011-36-5)
Exposure route : Oral
Species : Rat
Effective dose : > 300 - 2000 mg/kg
Parameter : ATE (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL ,
CHLORIDE ; CAS No. : 68424-85-1)
Exposure route : Oral
Effective dose : 500 mg/kg
Parameter : ATE (ISOTRIDECANOL ETHOXYLATED ; CAS No. : 69011-36-5)
Exposure route : Oral
Effective dose : 500 mg/kg

The calculated ATE_{mix} value for the mixture is, for this route of exposure, above the corresponding classification category (category 4).

Acute dermal toxicity

Parameter : ATE_{mix}
Exposure route : Dermal
Effective dose : > 2000 mg/kg
Parameter : ATE (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL ,
CHLORIDE ; CAS No. : 68424-85-1)
Exposure route : Dermal
Effective dose : 1560 mg/kg
Parameter : LD50 (ISOTRIDECANOL ETHOXYLATED ; CAS No. : 69011-36-5)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 2000 mg/kg

The calculated ATE_{mix} value for the mixture is, for this route of exposure, above the corresponding classification category (category 4).

Acute inhalation toxicity

Parameter : LC50 (ISOTRIDECANOL ETHOXYLATED ; CAS No. : 69011-36-5)
Exposure route : Inhalation
Result : No Data available.

The calculated ATE_{mix} value for the mixture is, for this route of exposure, above the corresponding classification category (category 4).

Specific effects (Longterm animal experiment)

No data available

Corrosion

Skin corrosion/irritation

Parameter : Skin corrosion/irritation (ISOTRIDECANOL ETHOXYLATED ; CAS No. : 69011-36-5)
Species : Rabbit
Result : no skin irritation

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation (ISOTRIDECANOL ETHOXYLATED ;
CAS No. : 69011-36-5)
Species : Rabbit
Result : Risk of serious damage to eyes.

Causes severe skin burns and eye damage.

Respiratory or skin sensitisation

No information available.

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Repeated dose toxicity (subacute, subchronic, chronic)

No data available

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

Parameter : Carcinogenicity (ISOTRIDEKANOL ETHOXYLATED ; CAS No. : 69011-36-5)
Result : Negative.

No information available.

Germ cell mutagenicity

No information available.

Genotoxicity

Parameter : Genotoxicity (ISOTRIDEKANOL ETHOXYLATED ; CAS No. : 69011-36-5)
Exposure route : In vitro mutagenicity
Result : Negative.
Parameter : Genotoxicity (ISOTRIDEKANOL ETHOXYLATED ; CAS No. : 69011-36-5)
Exposure route : In vivo mutagenicity
Result : Negative.
Parameter : Genotoxicity (DIDECYL-DIMETHYLAMMONIUM-CHLORIDE ; CAS No. : 7173-51-5)
Species : Salmonella typhimurium
Result : Negative.
Method : OECD 471 (Ames test)
Parameter : Genotoxicity (DIDECYL-DIMETHYLAMMONIUM-CHLORIDE ; CAS No. : 7173-51-5)
Exposure route : Oral
Species : Rat
Result : Negative.
Method : OECD 475

Reproductive toxicity

No information available.

Adverse effects on developmental toxicity

Parameter : Two generation reproduction toxicity test (ISOTRIDEKANOL ETHOXYLATED ; CAS No. : 69011-36-5)
Exposure route : NOEL(C)
Species : Rat
Effective dose : > 250 mg/kg

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

11.2 Information on other hazards

Endocrine disrupting properties

For possible endocrine disrupting effects in humans and possible symptoms, please refer to SECTION 2.3 of this safety data sheet.

Additional information

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

SECTION 12: Ecological information

12.1 Toxicity

Very toxic to aquatic life.

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Aquatic toxicity

Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Acute (short-term) fish toxicity

Parameter : LC50 (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL , CHLORIDE ; CAS No. : 68424-85-1)

Species : Acute (short-term) fish toxicity

Effective dose : > 0,1 - 1 mg/l

Exposure time : 96 h

Parameter : LC50 (ISOTRIDECANOL ETHOXYLATED ; CAS No. : 69011-36-5)

Species : Cyprinus carpio (Common Carp)

Evaluation parameter : Acute (short-term) fish toxicity

Effective dose : > 1 mg/l

Exposure time : 96 h

Method : OECD 203

Parameter : LC50 (ISOTRIDECANOL ETHOXYLATED ; CAS No. : 69011-36-5)

Species : Cyprinus carpio (Common Carp)

Evaluation parameter : Chronic (long-term) fish toxicity

Evaluation : No information available.

Parameter : EC50 (ISOTRIDECANOL ETHOXYLATED ; CAS No. : 69011-36-5)

Species : Daphnia magna (Big water flea)

Effective dose : > 1 mg/kg

Exposure time : 48 h

Evaluation : Harmless to daphnia up to the tested concentration.

Method : OECD 202

Acute (short-term) toxicity to crustacea

Parameter : EC50 (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL , CHLORIDE ; CAS No. : 68424-85-1)

Species : Daphnia

Effective dose : > 0,01 - 0,1 mg/l

Exposure time : 48 h

Acute (short-term) toxicity to algae and cyanobacteria

Parameter : IC50 (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL , CHLORIDE ; CAS No. : 68424-85-1)

Species : Pseudokirchneriella subcapitata

Effective dose : > 0,01 - 0,1 mg/l

Exposure time : 72 h

Parameter : EC50 (ISOTRIDECANOL ETHOXYLATED ; CAS No. : 69011-36-5)

Species : Desmodesmus subspicatus

Effective dose : > 1 mg/l

Exposure time : 72 h

Method : OECD 201

Chronic (long-term) toxicity to aquatic algae and cyanobacteria

Parameter : NOEC (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL , CHLORIDE ; CAS No. : 68424-85-1)

Species : Pseudokirchneriella subcapitata

Effective dose : > 0,001 - 0,01 mg/l

Toxicity to microorganisms

Parameter : EC50 (ISOTRIDECANOL ETHOXYLATED ; CAS No. : 69011-36-5)

Species : bacteria

Evaluation parameter : activated sludge

Effective dose : 140 mg/l

Parameter : EC50 (DIDECYL-DIMETHYLAMMONIUM-CHLORIDE ; CAS No. : 7173-51-5)

Species : bacteria

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Effective dose : 11 mg/l
Exposure time : 3 h
Parameter : EC50 (ETHANEDIOL ; CAS No. : 107-21-1)
Species : Pseudomonas putida
Effective dose : > 10000 mg/l
Exposure time : 16 h
Method : DIN 38412 / part 8
Parameter : EC10 (ETHANEDIOL ; CAS No. : 107-21-1)
Species : Pseudomonas putida
Effective dose : > 10000 mg/l
Exposure time : 16 h

Sewage treatment plant

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

12.2 Persistence and degradability

Leicht biologisch abbaubar (nach OECD 301 (A (kationisches Tensid) bzw. B (nichtionisches Tensid))).

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

Adsorption

Parameter : Adsorption coefficient (ISOTRIDEKANOL ETHOXYLATED ; CAS No. : 69011-36-5)
Inoculum : Mobility in soil
Effective dose : > 5000
Evaluation : strong adsorption on the ground

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 Other adverse effects

No information available.

12.8 Additional ecotoxicological information

Additional information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Directive 2008/98/EC (Waste Framework Directive)

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

After intended use

Waste codes/waste designations according to EWC/AVV

Waste code product :

07 04 01

Waste name product :

aqueous washing liquids and mother liquors

Waste code packaging :

15 01 02

Waste name packaging :

plastic packaging

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SECTION 14: Transport information

14.1 UN number or ID number

UN 3082

14.2 UN proper shipping name

Land transport (ADR/RID)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL , CHLORIDE)

Sea transport (IMDG)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL , CHLORIDE)

Air transport (ICAO-TI / IATA-DGR)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL , CHLORIDE)

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 9
Classification code : M6
Hazard identification number (Kemler No.) : 90
Tunnel restriction code : -
Special Provisions : LQ 5 I · E 1
Hazard label(s) : 9 / N

Sea transport (IMDG)

Class(es) : 9
EmS-No. : F-A / S-F
Special Provisions : LQ 5 I · E 1
Hazard label(s) : 9 / N

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 9
Special Provisions : E 1
Hazard label(s) : 9 / N

14.4 Packing group

III

14.5 Environmental hazards

Land transport (ADR/RID) : Yes

Sea transport (IMDG) : Yes (P)

Air transport (ICAO-TI / IATA-DGR) : Yes

14.6 Special precautions for user

None

14.7 Maritime transport in bulk according to IMO instruments

not applicable

14.8 Additional information

Special provision 375 of ADR applies to this product. => no dangerous goods, as they are transported in individual or composite packaging with a net quantity of no more than 5 l of liquid substances per individual or inner packaging.

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SECTION 15: Regulatory information

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

EU legislation

Other regulations (EU)

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

- out of scope

Regulation (EU) No 528/2012 (Biocidal products)

- Aqueous disinfectant concentrate (1:10 with water) to the protection for masonries from microbiologic attack (50-100 ml water solution/m² area).
- 100g contents: 9,50g Quaternary ammonium compounds, benzyl C12-16-alkyldimethyl, chloride.
- Labelling of any advertising material:
 - Use biocides safely. Always read the label and product information before use.-
 - This labelling also applies to products, which don't have to be labeled according CLP regulation (EU/1272/2008).

Labelling for contents according to regulation (EC) No. 648/2004

- contain: 5-15% cationic surfactants, 5-15% non-ionic surfactants
- www.pufas.de, sds@pufas.de

National regulations

Water hazard class

Classification according to AwSV - Class : 2 (Obviously hazardous to water)

Registration number according to "Biozid-Meldeverordnung"

baua: Reg.Nr.: N-101706

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

15.3 Additional information

None

SECTION 16: Other information

16.1 Indication of changes

01. Unique Formula Identifier · 03. Hazardous ingredients · 08. Occupational exposure limit values · 14. UN proper shipping name - Land transport (ADR/RID) · 14. UN proper shipping name - Sea transport (IMDG) · 14. UN proper shipping name - Air transport (ICAO-TI / IATA-DGR) · 15. Regulation (EU) No 528/2012 (Biocidal products) · 15. Registration number according to "Biozid-Meldeverordnung"

16.2 Abbreviations and acronyms

REACH Registration, evaluation, authorisation of chemicals
CLP Classification, labelling and packaging
CAS Chemical Abstracts Service
EINECS European Inventory of Existing Chemical Substances
ELINCS European List of Notified Chemical Substances.
ATE Acute toxicity estimates
LD50 Lethal dose, 50 percent
LC50 Lethal concentration, 50 percent
ECxx Effect concentration, xx percent
NOEC No Observed Effect Concentration
PBT Persistent, bioaccumulating and toxic
vPvB very persistent and very bioaccumulative
STOT Specific target organ toxicity

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ADR European agreement concerning the international carriage of dangerous goods by road
IMDG International maritime dangerous goods code
IATA International air transport association
IMO International maritime organisation declaration

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

See SECTION 2.1 (classification).

16.5 Relevant H- and EUH-phrases (Number and full text)

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.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.