

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

1.1 Product identifier

Aqua Stop
Article number: 68400013

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

1.2.1 Relevant uses

Sealing material

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

TOX-DÜBEL-TECHNIK GmbH
Brunnenstrasse 31
72505 Krauchenwies / GERMANY
Phone +49 (0)7576 9295-123
Fax +49 (0) 7576 / 9295 -190
Homepage www.tox.de
E-mail info@tox.de

Address enquiries to

Technical information

info@tox.de

Safety Data Sheet

sdb@chemiebuero.de (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body

+49 (0)761-19240 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

Eye Irrit. 2: H319 Causes serious eye irritation.
Skin Sens. 1A: H317 May cause an allergic skin reaction.
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.
Skin Irrit. 2: H315 Causes skin irritation.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

Hazard pictograms



Signal word

WARNING

Contains:

4,5-dichloro-2-octyl-2H-isothiazol-3-one

Hazard statements

H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.

Precautionary statements

P273 Avoid release to the environment.
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.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P501 Dispose of contents/container in accordance with local/national regulation.

2.3 Other hazards

Environmental hazards

This substance/mixture contains components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

Other hazards

Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
40 - < 80	Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics CAS: 1335203-17-2, EINECS/ELINCS: 934-956-3, Reg-No.: 01-2119827000-58-XXXX GHS/CLP: Asp. Tox. 1: H304
1 - < 2.5	Propyltriacetoxysilane CAS: 17865-07-5, EINECS/ELINCS: 241-816-9, Reg-No.: 01-2119966899-07-XXXX GHS/CLP: Skin Corr. 1B: H314 - EUH071
1 - < 2.5	Poly(ethylen-propylen) glycol CAS: 53637-25-5, EINECS/ELINCS: 611-024-1 GHS/CLP: Acute Tox. 4: H302
0.01 - < 0.05	Octamethylcyclotetrasiloxane CAS: 556-67-2, EINECS/ELINCS: 209-136-7, EU-INDEX: 014-018-00-1, Reg-No.: 01-2119529238-36-XXXX GHS/CLP: Flam. Liq. 3: H226 - Repr. 2: H361f - Aquatic Chronic 1: H410, M-Factor (chronic): 10
0.01 - < 0.025	4,5-dichloro-2-octyl-2H-isothiazol-3-one CAS: 64359-81-5, EINECS/ELINCS: 264-843-8, EU-INDEX: 613-335-00-8 GHS/CLP: Acute Tox. 2: H330 - Acute Tox. 4: H302 - Skin Corr. 1: H314 - Eye Dam. 1: H318 - Skin Sens. 1A: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - EUH071, M-Factor (acute): 100, M-Factor (chronic): 100 SCL [%]: >= 0.0015: Skin Sens. 1A: H317, 0.025 - <3: Eye Irrit. 2: H319, 0.025 - <5: Skin Irrit. 2: H315

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change soaked clothing.

Inhalation

Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact

When in contact with the skin, clean with soap and water.
If skin irritation or rash occurs: Get medical advice/attention.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.
Get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions
Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Forward this sheet to your doctor.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media Foam, dry powder, water spray jet, carbon dioxide

Extinguishing media that must not be used Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Ensure adequate ventilation.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.

Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 7+8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes and skin. Use personal protective equipment.

The product is combustible.

Do not eat, drink or smoke when using this product.

Wash hands before breaks and after work.

Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.

Do not store together with food and animal food/diet.

Do not store with oxidizing or self-igniting materials.

Protect from heat/overheating.

Keep container tightly closed.

Store in a dry place.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics
CAS: 1335203-17-2, EINECS/ELINCS: 934-956-3, Reg-No.: 01-2119827000-58-XXXX
Long-term exposure: 1200 mg/m ³

DNEL

Substance
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2
Industrial, dermal, Long-term - systemic effects, 2.91 mg/kg bw/day
Industrial, inhalative, Acute - systemic effects, 5002 mg/m ³
Industrial, inhalative, Long-term - systemic effects, 16.4 mg/m ³
general population, oral, Long-term - systemic effects, 1.25 mg/kg bw/day
Propyltriacetoxysilane, CAS: 17865-07-5
Industrial, dermal, Long-term - systemic effects, 12.11 mg/kg bw/d
Industrial, inhalative, Long-term - systemic effects, 85.39 mg/m ³
general population, oral, Long-term - systemic effects, 6.05 mg/kg bw/d
general population, dermal, Long-term - systemic effects, 6.05 mg/kg bw/d
general population, inhalative, Long-term - systemic effects, 21.06 mg/m ³
Octamethylcyclotetrasiloxane, CAS: 556-67-2
Industrial, inhalative, Long-term - local effects, 73 mg/m ³
Industrial, inhalative, Long-term - systemic effects, 73 mg/m ³
general population, inhalative, Long-term - local effects, 13 mg/m ³
general population, oral, Long-term - systemic effects, 3.7 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 13 mg/m ³

PNEC

Substance
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2
There are no PNEC values established for the substance.
Propyltriacetoxysilane, CAS: 17865-07-5
sediment (seawater), 1.457 µg/kg
sediment (freshwater), 14.57 µg/kg
soil, 0.00336 mg/l
seawater, 0.002441 mg/l
freshwater, 0.02441 mg/l
sewage treatment plants (STP), 10.55 mg/l
Octamethylcyclotetrasiloxane, CAS: 556-67-2
oral (food), 41 mg/kg
soil, 0.54 mg/kg soil dw
sediment (seawater), 0.3 mg/kg sediment dw
sediment (freshwater), 3 mg/kg sediment dw
sewage treatment plants (STP), 10 mg/L
seawater, 0.15 µg/L
freshwater, 1.5 µg/L

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	0.4 mm; Nitrile rubber, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Protective clothing (EN 340)
Other	Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	If workplace limit values are exceeded or if there is insufficient ventilation: Short term: filter apparatus, filter A. (DIN EN 14387)
Thermal hazards	No information available.
Delimitation and monitoring of the environmental exposition	Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state	liquid
Form	pasty
Color	colourless
Odor	acetic
Odour threshold	not determined
pH-value	not determined
pH-value [1%]	not determined
Boiling point [°C]	not determined
Flash point [°C]	> 100 (closed cup)
Flammability	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm³]	0.93
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	partially soluble
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	> 21 mm²/s
Relative vapour density	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Auto-ignition temperature [°C]	not determined
Decomposition temperature [°C]	not determined
Particle characteristics	not applicable

9.2 Other information

none



SECTION 10: Stability and reactivity

10.1 Reactivity

See SECTION 10.3.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Acetic acid.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Product
ATE-mix, oral, > 2000 mg/kg
Substance
4,5-dichloro-2-octyl-2H-isothiazol-3-one, CAS: 64359-81-5
ATE-mix, 567 mg/kg bw
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2
LD50, oral, Rat, > 5000 mg/kg bw
Propyltriacetoxysilane, CAS: 17865-07-5
LD50, oral, Human, 1460 mg/kg (Lit.)
Octamethylcyclotetrasiloxane, CAS: 556-67-2
LD50, oral, Rat, 4800 mg/kg
Poly(ethylen-propylen) glycol, CAS: 53637-25-5
LD50, oral, Rat, 500 - < 2000 mg/kg

Acute dermal toxicity

Product
dermal, Based on the available information, the classification criteria are not fulfilled.
Substance
4,5-dichloro-2-octyl-2H-isothiazol-3-one, CAS: 64359-81-5
LD50, dermal, Rabbit, > 2000 mg/kg
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2
LD50, dermal, Rabbit, > 3160 mg/kg bw
Octamethylcyclotetrasiloxane, CAS: 556-67-2
LD50, dermal, Rat, > 2400 mg/kg
Poly(ethylen-propylen) glycol, CAS: 53637-25-5
LD50, dermal, Rabbit, > 3000 mg/kg

Acute inhalational toxicity

Product
ATE-mix, inhalative, > 20 mg/L
Substance
4,5-dichloro-2-octyl-2H-isothiazol-3-one, CAS: 64359-81-5
ATE-mix, inhalativ (mist), 0.16 mg/L
ATE-mix, inhalativ (dust), 0.16 mg/L
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2
LC50, inhalative, Rat, >5266 mg/L (4h)
Octamethylcyclotetrasiloxane, CAS: 556-67-2
LC50, inhalative, Rat, 36 mg/L 4h

Serious eye damage/irritation**Irritant**

Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2
Eye, Rabbit, OECD 405, non-irritating
Octamethylcyclotetrasiloxane, CAS: 556-67-2
Eye, non-irritating

Skin corrosion/irritation**Irritant**

Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2
dermal, Rabbit, OECD 404, irritant
Octamethylcyclotetrasiloxane, CAS: 556-67-2
dermal, non-irritating

Respiratory or skin sensitisation**May cause an allergic skin reaction.**

Based on the available information, the classification criteria are fulfilled.
Calculation method

Substance
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2
dermal, Guinea pig, OECD 406, non-sensitizing
Octamethylcyclotetrasiloxane, CAS: 556-67-2
dermal, non-sensitizing

Specific target organ toxicity — single exposure

Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity — repeated exposure

Based on the available information, the classification criteria are not fulfilled.

Substance
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2
NOAEL, dermal, Rat, 25 mg/kg bw/day, adverse effect observed
NOAEC, inhalative, Rat, 1710 mg/m ³ , no adverse effect observed
Propyltriacetoxysilane, CAS: 17865-07-5
NOAEL, oral, 3632.48 mg/kg bw/day, no adverse effect observed
Octamethylcyclotetrasiloxane, CAS: 556-67-2
dermal, Rabbit, 960 mg/kg bw/day (subacute), no adverse effect observed

Mutagenicity

Based on the available information, the classification criteria are not fulfilled.
Based on the available information, the classification criteria are not fulfilled.

Substance
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2
in vitro, OECD 471, negativ
Propyltriacetoxysilane, CAS: 17865-07-5
mouse, In vivo study, negativ
in vitro, OECD 476, negativ

Reproduction toxicity

Based on the available information, the classification criteria are not fulfilled.

- Fertility

Substance
Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2

NOAEL, Rat, 1 mg/kg bw/day, OECD 422, The effects observed are not sufficient for classification.

Propyltriacetoxysilane, CAS: 17865-07-5

NOAEL, oral, Rat, 3231.18 mg/kg, no adverse effect observed

Octamethylcyclotetrasiloxane, CAS: 556-67-2

NOAEC, inhalative, Rat, 3640 mg/m ³ (subchronic), adverse effect observed
--

- Development

Substance

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2

Rat, OECD 414, The effects observed are not sufficient for classification.
--

Propyltriacetoxysilane, CAS: 17865-07-5

NOAEL, oral, Rat, 2205.36 mg/kg, no adverse effect observed

Octamethylcyclotetrasiloxane, CAS: 556-67-2

NOAEC, inhalative, Rat, 3640 mg/m ³ (subchronic), adverse effect observed
--

Carcinogenicity

Based on the available information, the classification criteria are not fulfilled.

Aspiration hazard**General remarks**

Toxicological data of complete product are not available.

11.2 Information on other hazards**Endocrine disrupting properties**

Contains no ingredients with endocrine-disrupting properties.

Other information

none

SECTION 12: Ecological information**12.1 Toxicity**

Substance

4,5-dichloro-2-octyl-2H-isothiazol-3-one, CAS: 64359-81-5

LC50, (96h), Lepomis macrochirus, 0.014 mg/l
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LC50, (96h), Oncorhynchus mykiss, 0.0027 mg/l

EC50, (48h), Daphnia magna, 0.0052 mg/l

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics, CAS: 1335203-17-2

EL50, (72h), Algae, 10 g/L

NOELR, (21d), Invertebrates, 1 g/L

NOELR, (28d), fish, 1 g/L

LL50, (48h), Invertebrates, 3193 g/L

LL50, (96h), fish, >1028 mg/L

Propyltriacetoxysilane, CAS: 17865-07-5

LC50, (96h), Brachidanio rerio, 251 mg/l (Lit.)

EC50, (48h), Daphnia magna, 62 mg/l (Lit.)
--

IC50, (72h), Scenedesmus subspicatus, 73 mg/l (Lit.)
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Octamethylcyclotetrasiloxane, CAS: 556-67-2

EC50, (48h), Invertebrates, 0.015 mg/L
--

NOEC, (48h), Invertebrates, 0.015 mg/L
--

Poly(ethylen-propylen) glycol, CAS: 53637-25-5
--

LC50, (96h), Poecilia reticulata, > 100 mg/L
--

EC50, (48h), Daphnia magna, > 100 mg/L
--

12.2 Persistence and degradability

Behaviour in environment compartments	No information available.
Behaviour in sewage plant	No information available.
Biological degradability	No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

Do not discharge product unmonitored into the environment.
Ecological data of complete product are not available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.
Coordinate disposal with the authorities if necessary.

Waste no. (recommended)

080409*

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended)

150110* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information**14.1 UN number or ID number**

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EEC-REGULATIONS	2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
TRANSPORT-REGULATIONS	ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2023)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	not relevant

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information**16.1 Hazard statements (SECTION 3)**

H361f Suspected of damaging fertility.
 H226 Flammable liquid and vapour.
 H410 Very toxic to aquatic life with long lasting effects.
 H400 Very toxic to aquatic life.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H330 Fatal if inhaled.
 EUH071 Corrosive to the respiratory tract.
 H314 Causes severe skin burns and eye damage.
 H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ATE = acute toxicity estimate
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 EL50 = Median effective loading
 ELINCS = European List of Notified Chemical Substances
 EmS = Emergency Schedules
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 IVIS = In vitro irritation score
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 LC0 = lethal concentration, 0%
 LOAEL = lowest-observed-adverse-effect level
 LL50 = Median lethal loading
 LQ = Limited Quantities
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 NOAEL = No Observed Adverse Effect Level
 NOEC = No Observed Effect Concentration
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 STP = Sewage Treatment Plant
 TLV®/TWA = Threshold limit value – time-weighted average
 TLV®STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
 Skin Sens. 1A: H317 May cause an allergic skin reaction. (Calculation method)
 Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)
 Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)

Modified position

none



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