

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke -

parmetol® MBX *No Change Service!*

Version
03.01

Revision Date:
01.10.2018

Date of last issue: 23.10.2015
Date of first issue: 19.11.2010

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

1.1 Product identifier

Trade name : parmetol® MBX

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

Use of the Sub-
stance/Mixture : Preservative

1.3 Details of the supplier of the safety data sheet

Manufacturer/ Supplier : Schülke & Mayr GmbH
Robert-Koch-Str. 2

22851 Norderstedt
Germany
Telephone: +49 (0)40/ 52100-0
Telefax: +49 (0)40/ 52100318
mail@schuelke.com
www.schuelke.com

E-mail address of person
responsible for the
SDS/Contact person : SAI/AT +49 40 52100 100 or S&M UK +44 114 254 3500
sai-at@schuelke.com

1.4 Emergency telephone number

Emergency telephone num-
ber : UK Poisons Emergency number: 0870 600 6266
Emergency telephone num-
ber : +49 (0)40 / 52 100 -0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H332: Harmful if inhaled.
Skin corrosion, Category 1B	H314: Causes severe skin burns and eye damage.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
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 2	H411: 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

: H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H332 Harmful if inhaled.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

: P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
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/shower.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.

Hazardous components which must be listed on the label:

2634-33-5 1,2-benzisothiazol-3(2H)-one

2682-20-4 2-methyl-2H-isothiazol-3-one (MIT)

2372-82-9 N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine)

Special labelling of certain mixtures : Use biocides safely. Always read the label and product information before use.

2.3 Other hazards

This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

No special risks known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Aqueous solution

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318	2,3 - 2,7

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	---	Skin Sens. 1; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 2; H411	
2-methyl-2H-isothiazol-3-one (MIT)	2682-20-4 220-239-6 --- ---	Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 2; H330 Skin Sens. 1A; H317 Skin Corr. 1B; H314 STOT SE 3; H335 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 2; H411	2,3 - 2,7
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine)	2372-82-9 219-145-8 --- ---	Acute Tox. 3; H301 Skin Corr. 1B; H314 STOT RE 2; H373 Aquatic Acute 1; H400; M = 10 Aquatic Chronic 1; H410; M = 1	2,4 - 3

For explanation of abbreviations see section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures**

- General advice : Take off all contaminated clothing immediately.
- If inhaled : If breathed in, move person into fresh air.
If symptoms persist, call a physician.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Call a physician immediately.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Call a physician immediately.
- If swallowed : Do NOT induce vomiting.
Rinse mouth with water.
Give small amounts of water to drink.
Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : irritant effects
sensitising effects

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Risk of serious damage to eyes.
Harmful if swallowed.

Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Water
Dry powder
Foam
Carbon dioxide (CO₂)

Unsuitable extinguishing media : No information available.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : No information available.

5.3 Advice for firefighters

Further information : Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

6.4 Reference to other sections

See chapter 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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- Advice on safe handling : Handle and open container with care.
- Advice on protection against fire and explosion : No special protective measures against fire required.
- Hygiene measures : Take off all contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in original container.
- Further information on storage conditions : Keep away from heat. Keep away from direct sunlight. Keep container tightly closed. Limited stability - see label on pack.
- Advice on common storage : Keep away from food and drink.

7.3 Specific end use(s)

- Specific use(s) : none
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

- Eye protection : Safety glasses with side-shields
- Hand protection : Impervious gloves
Splash protection: disposable nitrile rubber gloves e.g. Dermatril (layer thickness: 0.11 mm) made by KCL or gloves from other manufacturers offering the same protection.
Prolonged contact: Butyl rubber gloves e.g. Butoject (>480 Min., layer thickness: 0.70 mm) made by KCL or gloves from other manufacturers offering the same protection.
- Skin and body protection : Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).
- Respiratory protection : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
- Protective measures : Avoid contact with skin and eyes.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : Liquid
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Colour	:	light yellow, -, orange
Odour	:	amine-like
Odour Threshold	:	not determined
pH	:	ca. 8 - 9 (20 °C) concentrate
Freezing point	:	ca. 0 °C
Initial boiling point	:	ca. 100 °C
Flash point	:	> 100 °C Method: ISO 2719
Evaporation rate	:	not determined
Flammability (solid, gas)	:	Not applicable
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapour pressure	:	ca. 25 hPa (20 °C)
Vapour density	:	not determined
Relative density	:	1,009 - 1,021 g/ml (20 °C)
Solubility(ies) Water solubility	:	in all proportions (20 °C)
Partition coefficient: n-octanol/water	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No data available
Viscosity Viscosity, dynamic	:	3 mPa*s (20 °C)
Flow time	:	< 15 s at 20 °C Method: DIN 53211
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.

9.2 Other information

Surface tension : 34 mN/m

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Refractive index : 1,345 - 1,357

SECTION 10: Stability and reactivity**10.1 Reactivity**

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored normally.

10.3 Possibility of hazardous reactions

Hazardous reactions : None reasonably foreseeable.

10.4 Conditions to avoid

Conditions to avoid : Protect from frost, heat and sunlight.

10.5 Incompatible materials

Materials to avoid : None reasonably foreseeable.

10.6 Hazardous decomposition products

None reasonably foreseeable.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity****Components:****1,2-benzisothiazol-3(2H)-one:**Acute oral toxicity : LD50 Oral (Rat): 1.193 mg/kg
Assessment: Harmful if swallowed.

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 Dermal (Rat): 4.115 mg/kg
Remarks: Based on available data, the classification criteria are not met.**2-methyl-2H-isothiazol-3-one (MIT):**Acute oral toxicity : LD50 Oral (Rat): 120 mg/kg
Assessment: Toxic if swallowed.Acute inhalation toxicity : LC50 (Rat): 0,11 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
Assessment: Fatal if inhaled.

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Acute dermal toxicity : LD50 Dermal (Rabbit, female): 242 mg/kg
Assessment: Toxic in contact with skin.

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):

Acute oral toxicity : LD50 Oral (Rat): 261 mg/kg
Method: OECD Test Guideline 401
Assessment: Toxic if swallowed.

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Skin corrosion/irritation

Components:

1,2-benzisothiazol-3(2H)-one:

Assessment : Irritating to skin.

2-methyl-2H-isothiazol-3-one (MIT):

Species : Rabbit
Result : Corrosive

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):

Species : Rabbit
Assessment : Causes severe burns.
Method : OECD Test Guideline 404

Serious eye damage/eye irritation

Components:

1,2-benzisothiazol-3(2H)-one:

Assessment : Risk of serious damage to eyes.

2-methyl-2H-isothiazol-3-one (MIT):

Species : Rabbit
Result : Corrosive

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):

Assessment : Causes serious eye damage.

Respiratory or skin sensitisation

Components:

1,2-benzisothiazol-3(2H)-one:

Assessment : May cause sensitisation by skin contact.

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Date of first issue: 19.11.2010**2-methyl-2H-isothiazol-3-one (MIT):**Species : Guinea pig
Result : Causes sensitisation.**N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):**Test Type : Buehler Test
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Did not cause sensitisation on laboratory animals.**Germ cell mutagenicity****Components:****1,2-benzisothiazol-3(2H)-one:**

Germ cell mutagenicity- Assessment : No data available

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):Genotoxicity in vitro : Method: OECD Test Guideline 471
Result: Not mutagenic in Ames Test

Germ cell mutagenicity- Assessment : Not mutagenic in Ames Test

Carcinogenicity**Components:****1,2-benzisothiazol-3(2H)-one:**

Carcinogenicity - Assessment : No data available

2-methyl-2H-isothiazol-3-one (MIT):

Carcinogenicity - Assessment : Did not show carcinogenic, teratogenic or mutagenic effects in animal experiments.

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):

Carcinogenicity - Assessment : Animal testing did not show any carcinogenic effects.

Reproductive toxicity**Components:****1,2-benzisothiazol-3(2H)-one:**

Reproductive toxicity - Assessment : No data available

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N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):

Reproductive toxicity - Assessment	:	No toxicity to reproduction
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STOT - single exposure**Components:****2-methyl-2H-isothiazol-3-one (MIT):**

Exposure routes	:	Inhalation
Target Organs	:	Respiratory Tract
Assessment	:	May cause respiratory irritation.

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):

Remarks	:	No data available
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STOT - repeated exposure**Components:****2-methyl-2H-isothiazol-3-one (MIT):**

Remarks	:	Based on available data, the classification criteria are not met.
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N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):

Target Organs	:	Kidney
Assessment	:	May cause damage to organs through prolonged or repeated exposure.

Repeated dose toxicity**Components:****N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):**

Species	:	Rat
NOAEL	:	9 mg/kg
Application Route	:	Oral
Exposure time	:	90-day
Method	:	OECD Test Guideline 408

Aspiration toxicity

No data available

SECTION 12: Ecological information**12.1 Toxicity****Components:****1,2-benzisothiazol-3(2H)-one:**

Toxicity to fish	:	LC50 (Oncorhynchus mykiss): 2,18 mg/l Exposure time: 96 h
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	Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna): 2,94 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	: ErC50 (Pseudokirchneriella subcapitata (green algae)): 0,11 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
	NOEC (Skeletonema costatum (marine diatom)): 0,027 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	: 1
2-methyl-2H-isothiazol-3-one (MIT):	
Toxicity to fish	: LC50 (Oncorhynchus mykiss): 4,77 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna): 0,93 - 1,9 mg/l Exposure time: 48 h
Toxicity to algae	: EC50 (Selenastrum capricornutum (green algae)): 0,158 mg/l Exposure time: 72 h
M-Factor (Acute aquatic toxicity)	: 1
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 0,04 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):	
Toxicity to fish	: LC50 (Lepomis macrochirus (Bluegill sunfish)): 0,45 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 0,073 mg/l Exposure time: 48 h
Toxicity to algae	: ErC10 (Desmodesmus subspicatus (green algae)): 0,012 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
	NOEC (Selenastrum capricornutum (green algae)): > 0,001 - 0,01 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	: 10

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Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,024 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 211

M-Factor (Chronic aquatic toxicity) : 1

12.2 Persistence and degradability**Components:****1,2-benzisothiazol-3(2H)-one:**

Biodegradability : Result: Readily biodegradable, according to appropriate OECD test.
Method: OECD Test Guideline 301B

2-methyl-2H-isothiazol-3-one (MIT):

Biodegradability : Result: biodegradable 2-methyl-2H-isothiazol-3-one: t1/2 aerobic = 0.38 - 1.4d

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):

Biodegradability : Result: rapidly biodegradable
Biodegradation: 79 %
Exposure time: 28 d
Method: OECD Test Guideline 301D

12.3 Bioaccumulative potential**Components:****1,2-benzisothiazol-3(2H)-one:**

Partition coefficient: n-octanol/water : log Pow: 1,3

2-methyl-2H-isothiazol-3-one (MIT):

Partition coefficient: n-octanol/water : log Pow: -0,486

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: -0,7

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12.4 Mobility in soil

Components:

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine):

Mobility : Remarks: After release, adsorbs onto soil.

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB)..

12.6 Other adverse effects

Product:

Adsorbed organic bound halogens (AOX) : Remarks: Product does not contain any organic halogens.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Product : Dispose of as hazardous waste in compliance with local and national regulations.
The product should not be allowed to enter drains, water courses or the soil.
- Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
- Waste key for the unused product(Group) : The waste producer itself must, in consultation with the appropriate authorities and a waste disposal company, obtain a waste code from the EWC (European Waste Catalogue)

SECTION 14: Transport information

14.1 UN number

IMDG : UN 1760
IATA : UN 1760

14.2 UN proper shipping name

IMDG : CORROSIVE LIQUID, N.O.S.
(N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine),
2-methyl-2H-isothiazol-3-one (MIT))

IATA : CORROSIVE LIQUID, N.O.S.
(N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Diamine),

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2-methyl-2H-isothiazol-3-one (MIT)

14.3 Transport hazard class(es)

IMDG : 8

IATA : 8

14.4 Packing group

IMDG

Packing group : II
Labels : 8
EmS Code : F-A, S-B

IATA (Cargo)

Packing instruction (cargo aircraft) : 855
Packing group : II
Labels : Corrosive

IATA (Passenger)

Packing group : II
Labels : Corrosive

14.5 Environmental hazards

IMDG

Marine pollutant : yes

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

For personal protection see section 8.

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

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

E1 ENVIRONMENTAL HAZARDS

Volatile organic compounds : none, Directive 2010/75/EC on the limitation of emissions of volatile organic compounds

none, Directive 2004/42/EC

15.2 Chemical safety assessment

Exempt

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H301	: Toxic if swallowed.
H302	: Harmful if swallowed.
H311	: Toxic 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.
H330	: Fatal if inhaled.
H335	: May cause respiratory irritation.
H373	: May cause damage to organs through prolonged or repeated exposure if swallowed.
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.

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
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances

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es; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008

Acute Tox. 4, H332	: Calculation method
Skin Corr. 1B, H314	: Calculation method
Skin Sens. 1, H317	: Calculation method
Eye Dam. 1, H318	: Calculation method
Aquatic Acute 1, H400	: Calculation method
Aquatic Chronic 2, H411	: Calculation method

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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