



## TANEX ALLROUND 2 X 5 L

WM 0713328

Order number: 0713328

Version 5.0

Revision Date 20.12.2018

Print Date 22.01.2019

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

#### 1.1 Product identifier

Trade name : TANEX ALLROUND 2 X 5 L  
Identification number : 61386

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

Use of the Substance/Mixture : Cleaning agent  
Restricted to professional users.

#### 1.3 Details of the supplier of the safety data sheet

Company : tana Chemie GmbH  
Rheinallee 96  
55120 Mainz  
Telephone : +49613196403  
Telefax : +4961319642414  
E-mail address : Produktsicherheit@werner-mertz.com  
Responsible/issuing person  
Contact person : Product development / product safety

#### 1.4 Emergency telephone number

+49(0)6131-19240

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Safety data sheet available on request.

#### 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.  
No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)



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DECETH-6 (INCI)	26183-52-8 500-046-6	Eye Irrit. 2; H319 Acute Tox. 4; H302	>= 2 - < 5
Decan-1-ol.ethoxylated	26183-52-8  Polymer	Eye Irrit. 2; H319	>= 2 - < 5
2-phenoxyethanol	122-99-6 204-589-7 01-2119488943-21	Acute Tox. 4; H302 Eye Irrit. 2; H319	>= 1 - < 2
sodium octyl sulphate	142-31-4 205-535-5 01-2119966154-35	Skin Corr. 2; H315 Eye Dam. 1; H318  SCL 10 - < 20 % 2; H319 >= 20,0 % 1; H318	>= 1 - < 2

For explanation of abbreviations see section 16.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.  
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- In case of eye contact : Protect unharmed eye.  
If easy to do, remove contact lens, if worn.  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed**

- Symptoms : No information available.
- Risks : No information available.

**4.3 Indication of any immediate medical attention and special treatment needed**



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Treatment : For specialist advice physicians should contact the Poisons Information Service.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : 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 : In the event of fire, wear self-contained breathing apparatus.

Further information : 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 : Use personal protective equipment.

#### 6.2 Environmental precautions

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

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Sweep up and shovel.  
Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.



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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Advice on safe handling : For personal protection see section 8. No special handling advice required. 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 : 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. Store at room temperature in the original container.
- Advice on common storage : No special restrictions on storage with other products.
- Other data : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

- Specific use(s) : Cleaning agent

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### DNEL

**2-phenoxyethanol**  
**122-99-6:**

- : End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 8,07 mg/m<sup>3</sup>
- End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term local effects  
Value: 8,07 mg/m<sup>3</sup>
- End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 34,72 mg/kg
- End Use: Consumers



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**sodium octyl sulphate**  
**142-31-4:**

Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 2,41 mg/m<sup>3</sup>

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term local effects  
Value: 2,41 mg/m<sup>3</sup>

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 20,83 mg/kg

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 17,43 mg/kg

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Acute systemic effects, Short-term exposure  
Value: 17,43 mg/kg

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Acute systemic effects  
Value: 9,23 mg/kg

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 9,23 mg/kg

End Use: Consumers  
Exposure routes: Dermal  
Potential health effects: Long-term systemic effects  
Value: 10,42 mg/kg

: End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 4060 mg/kg

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 285 mg/m<sup>3</sup>

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 2440 mg/kg

End Use: Consumers



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Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 85 mg/m<sup>3</sup>

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 24 mg/kg

### PNEC

**2-phenoxyethanol**  
**122-99-6:**

: Fresh water  
Value: 0,943 mg/l

Marine water  
Value: 0,0943 mg/l

intermittent release  
Value: 3,44 mg/l

STP  
Value: 24,8 mg/l

Fresh water sediment  
Value: 7,2366 mg/kg

Marine sediment  
Value: 0,7237 mg/kg

Soil  
Value: 1,26 mg/kg

**sodium octyl sulphate**  
**142-31-4:**

: Fresh water  
Value: 0,1357 mg/l

Marine water  
Value: 0,01357 mg/l

STP  
Value: 1,35 mg/l

Fresh water sediment  
Value: 1,5 mg/kg

Marine sediment  
Value: 0,15 mg/kg

Soil  
Value: 0,22 mg/kg

### 8.2 Exposure controls

#### Personal protective equipment



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Eye protection : not required under normal use

Hand protection

Material : For prolonged or repeated contact use protective gloves.  
It is suggested the usage of chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374-1: 2003 (0,4 mm).  
As alternative, a different type of gloves might be used if, accordingly to the recommendations of the producer, guarantee the same level of protection.  
  
not required under normal use

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : not required under normal use

Respiratory protection : not required under normal use

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : blue

Odour : characteristic

Odour Threshold : No data available

pH : ca. 9,1, at 20 °C

Melting point/range : No data available

Boiling point/boiling range : No data available

Flash point : Not applicable

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Flammability (liquids) : No data available

Burning rate : No data available

Lower explosion limit : No data available



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Upper explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: ca. 1,025 g/cm <sup>3</sup> at 20 °C
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2 Other information

none

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions., No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : 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 data available

### 10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products are known.  
Other information : No hazardous decomposition products are known.





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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Product

Acute oral toxicity	: Acute toxicity estimate : > 2.000 mg/kg Method: Calculation method
Skin corrosion/irritation	: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.
Serious eye damage/eye irritation	: Causes serious eye irritation.  According to the classification criteria of the European Union, the product is not considered as being an eye irritant.
Respiratory or skin sensitisation	: No data available
Germ cell mutagenicity	: Not Rated
Carcinogenicity	: Not Rated
Reproductive toxicity	: Not Rated
STOT - single exposure	: The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT - repeated exposure	: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Aspiration toxicity	: Not Rated
Further information	: No data available

##### Components:

##### **DECETH-6 (INCI) 26183-52-8:**

Acute oral toxicity : LD50 Oral : > 2.000 mg/kg

##### **Decan-1-ol.ethoxylated**

##### **26183-52-8:**

Skin corrosion/irritation : Result: No skin irritation

Serious eye damage/eye : Result: Eye irritation



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irritation

### 2-phenoxyethanol

122-99-6:

Acute oral toxicity : LD50 Oral Rat: 1.260 mg/kg  
LD50 Oral Mouse: 933 mg/kg  
LD50 Oral Rat: 1.850 mg/kg  
Acute toxicity estimate : 500 mg/kg  
Method: Converted acute toxicity point estimate  
LD50 Rat: 2.740 mg/kg  
Method: Calculation method

Acute dermal toxicity : LD50 Dermal Rabbit: > 5.000 mg/kg  
LD50 Rat: 14.422 mg/kg

Reproductive toxicity : Fertility and developmental toxicity tests did not reveal any effect on reproduction.

### sodium octyl sulphate

142-31-4:

Acute oral toxicity : LD50 Oral Rat: > 2.000 mg/kg  
Method: OECD Test Guideline 423  
Acute dermal toxicity : LD50 Dermal Rabbit: > 2.000 mg/kg  
Method: OECD Test Guideline 402  
Skin corrosion/irritation : Result: Skin irritation  
Serious eye damage/eye irritation : Result: Causes serious eye damage.  
Repeated dose toxicity : No observed adverse effect level: Rat: 488 mg/kg  
Application Route: Oral  
Method: OECD Test Guideline 408  
Lowest observed adverse effect level: Rat: 1016 mg/kg  
Application Route: Oral  
Method: OECD Test Guideline 408



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No observed adverse effect level: Mouse: 400 mg/kg

Application Route: Dermal  
Method: OECD Test Guideline 411

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### **Components:**

##### **DECETH-6 (INCI) 26183-52-8:**

Toxicity to fish	: LC50 : 1 - 10 mg/l Test Type: semi-static test
Toxicity to daphnia and other aquatic invertebrates	: (Daphnia magna (Water flea)): 13,5 mg/l Test Type: Immobilization Method: OECD Test Guideline 202
Toxicity to algae	: (Desmodesmus subspicatus (green algae)): 12,0 mg/l Test Type: Growth inhibition Method: OECD Test Guideline 201
Toxicity to bacteria	: EC0 (Bacteria): > 100 mg/l

##### **Decan-1-ol.ethoxylated 26183-52-8:**

Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia (water flea)): 7,2 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	: EC50 : 4,2 mg/l Exposure time: 72 h Method: OECD Test Guideline 201

##### **2-phenoxyethanol 122-99-6:**

Toxicity to fish	: LC50 (Pimephales promelas (fathead minnow)): 344 mg/l Exposure time: 96 h Test Type: flow-through test
	LC50 (Leuciscus idus (Golden orfe)): 220 - 460 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): > 500 mg/l Exposure time: 48 h
	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Test Type: static test
Toxicity to algae	: EC50 : > 500 mg/l



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	Exposure time: 72 h
	EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Exposure time: 72 h Test Type: static test
Toxicity to bacteria	: EC50 (Pseudomonas putida): 880 mg/l Exposure time: 17 h
	EC20 (activated sludge): 620 mg/l Exposure time: 30 min
	EC10 (Pseudomonas putida): 320 mg/l Exposure time: 17 h Method: DIN 38 412 Part 8
Toxicity to fish (Chronic toxicity)	: NOEC: 23 mg/l Exposure time: 34 d Species: Pimephales promelas (fathead minnow)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 9,43 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211
Toxicity to soil dwelling organisms	: LC50: 1.000 mg/kg Exposure time: 14 d Species: Eisenia fetida (earthworms)

### sodium octyl sulphate 142-31-4:

Toxicity to fish	: LC50 (Brachydanio rerio (zebrafish)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	: EC50 : > 100 mg/l
	EC50 (Desmodesmus subspicatus (green algae)): > 511 mg/l Exposure time: 72 h
Toxicity to bacteria	: EC0 : > 100 mg/l
Toxicity to fish (Chronic toxicity)	: Lowest Observed Effect Concentration: > 1,357 mg/l Exposure time: 42 d Species: Pimephales promelas (fathead minnow)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 1,4 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211



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### 12.2 Persistence and degradability

**Product:**

Biodegradability : Remarks: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

**Components:**

**DECETH-6 (INCI)  
26183-52-8:**

Biodegradability : Biodegradation: 89 %  
Exposure time: 28 d  
Method: OECD 301 F

**2-phenoxyethanol  
122-99-6:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: > 70 %  
Exposure time: 15 d  
Method: OECD 301 A

**sodium octyl sulphate  
142-31-4:**

Biodegradability : Biodegradation: 98,2 %  
Remarks: Expected to be biodegradable

### 12.3 Bioaccumulative potential

**Components:**

**2-phenoxyethanol  
122-99-6:**

Bioaccumulation : Bioconcentration factor (BCF): 2

Partition coefficient: n-  
octanol/water : log Pow: 1,2 (23 °C)  
pH: 5 - 9  
GLP: yes

### 12.4 Mobility in soil

**Components:**

**2-phenoxyethanol  
122-99-6:**

Distribution among  
environmental compartments : Koc: 16 - 102  
Remarks: Highly mobile in soils

### 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..



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### 12.6 Other adverse effects

**Product:**

Additional ecological information : There is no data available for this product.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Product : Offer surplus and non-recyclable solutions to a licensed disposal company.
- Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.
- Waste Code : European Waste Catalogue  
20 01 29\*  
According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

## SECTION 14: Transport information

### 14.1 UN number

**ADR**  
Not dangerous goods  
**IMDG**  
Not dangerous goods  
**IATA**  
Not dangerous goods

### 14.2 Proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class

**ADR**  
Not dangerous goods  
**IMDG**  
Not dangerous goods  
**IATA**  
Not dangerous goods

### 14.4 Packing group

**ADR**  
Not dangerous goods  
**IMDG**  
Not dangerous goods  
**IATA**  
Not dangerous goods

### 14.5 Environmental hazards

**ADR**



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Not dangerous goods

**IMDG**

Not regulated as a dangerous good

**IATA**

Not dangerous goods

### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

For personal protection see section 8.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

TA Luft List (Germany) : Total dust: Not applicable  
: Inorganic substances in powdered form: Not applicable  
: Inorganic substances in vapour or gaseous form: : portionClass 3: 0,02 %  
: Organic Substances: : portionClass 1: < 0,01 %  
: Carcinogenic substances: : portionClass 2: < 0,01 %  
: Mutagenic: : < 0,01 %  
: Toxic to reproduction: Not applicable

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Update: Percent volatile: 0,02 %  
1,89 g/l  
VOC content excluding water

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Update: Percent volatile: 0,02 %  
0,25 g/l  
VOC content valid only for coating materials used on wood surfaces



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according to Detergents Regulation EC 648/2004 : 5 - <15% Non-ionic surfactants, <5% Anionic surfactants, Soap, Perfumes

GISBAU (D) : GU 40

### 15.2 Chemical safety assessment

#### SECTION 16: Other information

##### Full text of H-Statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

##### Further information

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Classification procedure: Calculation method

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; (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





Werner & Mertz  
Professional

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