

TANEX PERFORMA

WM 1213672

Order number: 0713672

Version 10.2

Revision Date 21.03.2024

Print Date 09.04.2024

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

1.1 Product identifier

Trade name : TANEX PERFORMA
UFI : YKA6-D09K-8007-V4UJ

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

112

Centru za kontrolu otrovanja u Zagrebu na tel. (01) 2348 342

+49(0)6131-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)
Eye irritation, Category 2 H319: Causes serious eye irritation.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : P102 Keep out of reach of children.

Prevention:

P260

Do not breathe spray.

P280

Wear eye protection/ face protection.

Response:

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

Disposal:
P501

Dispose of container into the collection of recyclables only when it is completely empty.

Safety data sheet available on request.

Classification in use concentration

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
2-(2-butoxyethoxy)ethanol	112-34-5 203-961-6 603-096-00-8 01-2119475104-44	Eye Irrit. 2; H319	>= 1 - < 10
1-phenoxypropan-2-ol	770-35-4 212-222-7 01-2119486566-23	Eye Irrit. 2; H319	>= 1 - < 10
2,2'-methyliminodiethanol	105-59-9 203-312-7 603-079-00-5 01-2119488970-24	Eye Irrit. 2; H319	>= 1 - < 10
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1 500-220-1 01-2119488530-36	Eye Dam. 1; H318 specific concentration limit Eye Dam. 1; H318 > 10 % Eye Irrit. 2; H319 10 %	>= 1 - < 3
sodium octyl sulphate	142-31-4 205-535-5 01-2119966154-35	Skin Irrit. 2; H315 Eye Dam. 1; H318 specific concentration limit Eye Irrit. 2; H319 10 - < 20 % Eye Dam. 1; H318 >= 20,0 %	>= 1 - < 3

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SECTION 4: First aid measures

4.1 Description of first aid measures

- | | | |
|-------------------------|---|--|
| General advice | : | Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance. |
| If inhaled | : | Move to fresh air.
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.
If symptoms persist, call a physician. |
| 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 eye irritation persists, consult a specialist. |
| 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.
Obtain medical attention. |

4.2 Most important symptoms and effects, both acute and delayed

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

Causes serious eye irritation. |

4.3 Indication of any immediate medical attention and special treatment needed

- | | | |
|-----------|---|--|
| 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. |
|---|---|--|

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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.
Ensure adequate ventilation.

6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses.

6.3 Methods and material for containment and cleaning up

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

6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke.
Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container.

Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Cleaning agent



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
2-(2-butoxyethoxy)ethanol	Not Assigned	TWA	10 ppm 67,5 mg/m ³	2006/15/EC
	Further information: Indicative			
		STEL	15 ppm 101,2 mg/m ³	2006/15/EC
	Further information: Indicative			

8.2 Exposure controls

Personal protective equipment

Eye/face protection : If splashes are likely to occur, wear:

Tightly fitting safety goggles

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.

As alternative, a different type of gloves might be used if, accordingly to the recommendations of the producer, guarantee the same level of protection.

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

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Respiratory protection : Not required; except in case of aerosol formation.

Recommended Filter type:

ABEK-P3-filter

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Colour	: blue
Odour	: odourized
Melting point/freezing point	: No data available
Boiling point/boiling range	: No data available
Flammability (solid, gas)	: No data available
Flammability (liquids)	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flash point	: does not flash
Ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: ca. 10,1, 100 % at 20 °C
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Vapour pressure	: No data available
Density	: ca. 1,030 g/cm ³ at 20 °C
Relative density	: No data available
Relative vapour density	: No data available
Particle characteristics	: No data available

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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 : Stable under recommended storage conditions.
No decomposition if used as directed.

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

No hazardous decomposition products are known.

SECTION 11: Toxicological information

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

Our company is strongly against animal testing.
Our company does not place any orders for animal testing for the finished product or the ingredients.
However, as a result of EU legislation (REACH Regulation), the manufacturers of ingredients or EU importers are obliged to test ingredients with regard to their effects on human health and the environment before they are brought onto the market. Some of the tests made necessary by this took place decades ago.

Acute toxicity

Acute toxicity : Not Rated

Components:

2-(2-butoxyethoxy)ethanol

112-34-5:

Acute oral toxicity : LD50 (Rat): 3.384 mg/kg
LD50 (Rat): > 2.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 29 ppm
Exposure time: 2 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 Dermal (Rabbit): 2.700 mg/kg
LD50 (Rabbit): > 2.000 mg/kg



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1-phenoxypropan-2-ol

770-35-4:

- Acute oral toxicity : LD50 (Rat): > 2.000 mg/kg
- Acute inhalation toxicity : LC50 (Rat): 5,4 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
- Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg

2,2'-methyliminodiethanol

105-59-9:

- Acute oral toxicity : LD50 (Rat): 4.680 mg/kg
Method: OECD Test Guideline 401
- Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg
Method: OECD Test Guideline 402

D-Glucopyranose, oligomers, decyl octyl glycosides

68515-73-1:

- Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg
Method: OECD Test Guideline 401
- Acute dermal toxicity : (Rabbit): > 2.000 mg/kg
Method: OECD Test Guideline 402

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

Product:

- Remarks : May cause skin irritation in susceptible persons.

Components:

2,2'-methyliminodiethanol

105-59-9:

- Species : Rabbit
- Method : OECD Test Guideline 404
- Result : No skin irritation

D-Glucopyranose, oligomers, decyl octyl glycosides

68515-73-1:

- Species : Rabbit
- Method : OECD Test Guideline 404
- Result : Mild skin irritation

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sodium octyl sulphate

142-31-4:

Result : Skin irritation

Serious eye damage/eye irritation

Product:

Remarks : Vapours may cause irritation to the eyes, respiratory system and the skin.
Causes serious eye irritation.

Components:

1-phenoxypropan-2-ol

770-35-4:

Result : Eye irritation

2,2'-methyliminodiethanol

105-59-9:

Species : Rabbit
Method : OECD Test Guideline 405
Result : Irritating to eyes.

D-Glucopyranose, oligomers, decyl octyl glycosides

68515-73-1:

Species : Rabbit
Method : OECD Test Guideline 405
Result : Irreversible effects on the eye

sodium octyl sulphate

142-31-4:

Result : Causes serious eye damage.

Respiratory or skin sensitisation

Product:

Remarks : No data available

Components:

2,2'-methyliminodiethanol

105-59-9:

Species : Guinea pig
Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.

D-Glucopyranose, oligomers, decyl octyl glycosides

68515-73-1:

Species : Guinea pig



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Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.

Germ cell mutagenicity

Germ cell mutagenicity : Not Rated

Components:

D-Glucopyranose, oligomers, decyl octyl glycosides

68515-73-1:

Genotoxicity in vitro : Test Type: Ames test
Method: OECD Test Guideline 471
Result: negative

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.

Repeated dose toxicity

Components:

sodium octyl sulphate

142-31-4:

Species : Rat
NOAEL : 488 mg/kg
Application Route : Oral
Method : OECD Test Guideline 408

Species : Rat
LOAEL : 1016 mg/kg
Application Route : Oral
Method : OECD Test Guideline 408

Species : Mouse
NOAEL : 400 mg/kg
Application Route : Dermal
Method : OECD Test Guideline 411

Aspiration toxicity : Not Rated

11.2 Information on other hazards

Further information

Product:

Remarks : No data available



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SECTION 12: Ecological information

12.1 Toxicity

Components:

2-(2-butoxyethoxy)ethanol

112-34-5:

- Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 1.300 mg/l
Exposure time: 96 h

LC50 (Leuciscus idus (Golden orfe)): > 100 mg/l
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2.850 mg/l
Exposure time: 24 h
Method: DIN 38412

EC50 (Daphnia magna Straus): > 100 mg/l
Exposure time: 48 h
- Toxicity to algae/aquatic plants : IC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 201
- Toxicity to microorganisms : EC10 (Bacteria): 1.170 mg/l
Exposure time: 16 h

EC10 (activated sludge): > 1.995 mg/l
Exposure time: 30 min
Test Type: Respiration inhibition
Method: OECD Test Guideline 209

1-phenoxypropan-2-ol

770-35-4:

- Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): > 220 - 460 mg/l
Exposure time: 96 h

LC50 (Pimephales promelas (fathead minnow)): 280 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 370 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l
Exposure time: 72 h
Test Type: static test

EC50 (Desmodesmus subspicatus (green algae)): 74,5 mg/l
Exposure time: 72 h
- Toxicity to microorganisms : EC50 (Bacteria): > 1.000 mg/l
Exposure time: 17 h



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2,2'-methyliminodiethanol

105-59-9:

- Toxicity to fish : (Leuciscus idus (Golden orfe)): 1.466 mg/l
Exposure time: 96 h
Test Type: static test
- Toxicity to daphnia and other aquatic invertebrates : (Daphnia magna (Water flea)): 233 mg/l
Exposure time: 48 h
Test Type: static test
Method: Directive 67/548/EEC, Annex V, C.2.
- Toxicity to algae/aquatic plants : NOEC (Desmodesmus subspicatus (green algae)): 6,25 mg/l
Exposure time: 72 h

EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l
Exposure time: 72 h
- Toxicity to microorganisms : EC20 (activated sludge): > 1.000 mg/l
Exposure time: 0,5 h
Method: OECD Test Guideline 209

D-Glucopyranose, oligomers, decyl octyl glycosides

68515-73-1:

- Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): 100,81 mg/l
Exposure time: 96 h

NOEC (Brachydanio rerio (zebrafish)): 1,8 mg/l
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

NOEC (Daphnia magna (Water flea)): 1,0 mg/l
- Toxicity to algae/aquatic plants : EC50 (Scenedesmus subspicatus): 27,22 mg/l
Exposure time: 72 h

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/aquatic plants : EC50 : > 100 mg/l

EC50 (Desmodesmus subspicatus (green algae)): > 511 mg/l
Exposure time: 72 h
- Toxicity to microorganisms : 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 : NOEC: 1,4 mg/l



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aquatic invertebrates (Chronic toxicity)

Exposure time: 21 d
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 211

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:

2-(2-butoxyethoxy)ethanol

112-34-5:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 76 %
Exposure time: 28 d
Method: OECD 301 D

Result: rapidly biodegradable
Biodegradation: 90 - 100 %
Exposure time: 8 d
Method: OECD 302 B

Result: rapidly biodegradable
Biodegradation: 90 - 100 %
Exposure time: 14 d
Method: OECD 301 E

Result: rapidly biodegradable
Biodegradation: ca. 85 %
Exposure time: 28 d
Method: OECD 301 C

1-phenoxypropan-2-ol

770-35-4:

Biodegradability : Biodegradation: 72 %
Exposure time: 28 d
Method: OECD 301 F

2,2'-methyliminodiethanol

105-59-9:

Biodegradability : Result: rapidly biodegradable
Biodegradation: 96 %
Exposure time: 18 d
Method: OECD 301 A

D-Glucopyranose, oligomers, decyl octyl glycosides

68515-73-1:

Biodegradability : Result: rapidly biodegradable
Biodegradation: 100 %
Exposure time: 28 d
Method: OECD 301 E

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sodium octyl sulphate

142-31-4:

Biodegradability

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

12.3 Bioaccumulative potential

Components:

2-(2-butoxyethoxy)ethanol

112-34-5:

Bioaccumulation

: Bioconcentration factor (BCF): 2

Partition coefficient: n-
octanol/water

: log Pow: 0,56

1-phenoxypropan-2-ol

770-35-4:

Bioaccumulation

: Remarks: Due to the distribution coefficient n-octanol/water,
accumulation in organisms is not expected.

12.4 Mobility in soil

Components:

2-(2-butoxyethoxy)ethanol

112-34-5:

Distribution among
environmental compartments

: Koc: ca. 50
Remarks: Highly mobile in soils

12.5 Results of PBT and vPvB assessment

Not relevant

12.6 Endocrine disrupting properties

No data available

12.7 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

: Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or
used container.
In accordance with local and national regulations.

Contaminated packaging

: Only give completely emptied packaging to special waste disposer.

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

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SECTION 14: Transport information

14.1 UN number or ID number

ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

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

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 Maritime transport in bulk according to IMO instruments

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, mixtures and articles (Annex XVII) : See Annex XVII to Regulation (EC) no 1907/2006 for Conditions of restriction

REACH - Restrictions on the manufacture, placing on the : 112-34-5



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market and use of certain dangerous substances, mixtures and articles (Annex XVII)

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

TA Luft List (Germany) : Total dust: Not applicable
: Inorganic substances in powdered form: Not applicable
: Inorganic substances in vapour or gaseous form: : portionClass 3:
0,01 %
: Organic Substances: : portionClass 1: 0,15 %
: Carcinogenic substances: Not applicable
: Mutagenic: Not applicable
: Toxic to reproduction: Not applicable

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions
(VOC) content (integrated pollution prevention and control)
Update: Percent volatile: 0,01 %

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

GISBAU (D) : GU 83

15.2 Chemical safety assessment

SECTION 16: Other information

Full text of H-Statements

H315 : Causes skin irritation.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.

Full text of other abbreviations

Eye Dam. : Serious eye damage
Eye Irrit. : Eye irritation
Skin Irrit. : Skin irritation
2006/15/EC : Europe. Indicative occupational exposure limit values
2006/15/EC / TWA : Limit Value - eight hours
2006/15/EC / STEL : Short term exposure limit

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian
Inventory of Industrial Chemicals; 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;



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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; TECI - Thailand Existing Chemicals 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 of the mixture:

Eye Irrit. 2

H319

Classification procedure:

Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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