

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878

C003-K60 hebro®HB-Konz

Version: 4.1

Revision Date: 21.08.2024

Print Date: 22.08.2024

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

1.1 Product identifier

Trade name : C003-K60 hebro®HB-Konz

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

Use of the Sub- : Cleaner for professional application in industry and trade
stance/Mixture

1.3 Details of the supplier of the safety data sheet

Company : hebro chemie- ZN der Rockwood Specialties Group
GmbH
Rostocker Str. 40
41199 Mönchengladbach

Contact person : Zentrale hebro chemie
Telephone : +49 (0) 2166 6009-0
Telefax : +49 (0) 2166 6009-99

Contact person product safety : Abteilung Produktsicherheit
Telephone : +49(0)2166 6009-311
E-mail address : msds.de@hebro-chemie.de

1.4 Emergency telephone number

: Giftinformationszentrum Erfurt:
+49 (0) 361 730 730

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Serious eye damage, Category 1 H318: Causes serious eye damage.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H318 Causes serious eye damage.

Precautionary statements : **Prevention:**

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P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

Hazardous components which must be listed on the label:

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts
Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Isotridecanol, ethoxylated (7-<15 EO)

Additional Labelling

EUH208 Contains a mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

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.

Ecological information: This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).

Toxicological information: This substance/mixture does not contain components considered to have endocrine disrupting properties for human health according to UK REACH Article 57(f).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Neutral cleaner as aqueous solution of anionic and nonionic tensides

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3 270-115-0 01-2119489428-22	Aquatic Chronic 3; H412 Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318	>= 3 - < 10
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3 500-234-8 01-2119488639-16	Eye Dam. 1; H318 Aquatic Chronic 3; H412 <hr/> specific concentration limit Eye Irrit. 2; H319 > 5 - < 10 % Eye Dam. 1; H318	>= 1 - < 2.5

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		10 - 100 %	
Isotridecanol, ethoxylated (7-<15 EO)	69011-36-5 500-241-6	Acute Tox. 4; H302 Eye Dam. 1; H318	>= 1 - < 2.5
Bronopol (INN); 2-bromo-2-nitropropane-1,3-diol	52-51-7 200-143-0 603-085-00-8 01-2119980938-15	Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system) Aquatic Acute 1; H400 Aquatic Chronic 2; H411	>= 0.0025 - < 0.025
a mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9 611-341-5 613-167-00-5 01-2120764691-48	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	>= 0.0002 - < 0.0015
		M-Factor (Acute aquatic toxicity): 10	
		M-Factor (Chronic aquatic toxicity): 10	
		specific concentration limit Skin Corr. 1C; H314 >= 0.6 % Skin Irrit. 2; H315 0.06 - < 0.6 % Eye Irrit. 2; H319 0.06 - < 0.6 % Skin Sens. 1A; H317 >= 0.0015 % Eye Dam. 1; H318 >= 0.6 % Skin Irrit. 2; H315 0.06 - < 0.6 % Eye Irrit. 2; H319 0.06 - < 0.6 %	

For explanation of abbreviations see section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : If symptoms persist, call a physician.
- If inhaled : No special precautions required.
- In case of skin contact : After contact with skin, wash immediately with plenty of water.
Take off all contaminated clothing immediately.
- In case of eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Call a physician immediately.
- If swallowed : Immediately give large quantities of water to drink.
Prevent vomiting if possible.

4.2 Most important symptoms and effects, both acute and delayed

- Risks : Causes skin irritation.
Causes serious eye damage.
Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.
For specialist advice physicians should contact the Poisons Information Service.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry powder
Water spray jet
- Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire-fighting : Combustion may cause:
- Hazardous combustion products : Carbon oxides

5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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Further information : 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 : Handle in accordance with good industrial hygiene and safety practice.

6.2 Environmental precautions

Environmental precautions : Inform the relevant authorities if it enters sewers, aquatic environment or soil.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8., For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes.
Ensure adequate ventilation.
Avoid formation of aerosol.
For personal protection see section 8.
Have eye wash bottle or eye rinse ready at the work place.

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

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep only in the original container at temperature not exceeding 50°C.

Further information on storage conditions : Protect from frost, heat and sunlight.

7.3 Specific end use(s)

Specific use(s) : Cleaner for professional application in industry and trade

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006

Substance name	End Use	Exposure routes	Potential health effects	Value	
Pentasodium triphosphate	Workers	Inhalation	Long-term systemic effects	0.661 mg/m ³	
	Workers	Inhalation	Acute systemic effects	0.661 mg/m ³	
	Workers	Skin contact	Long-term systemic effects	0.375 mg/kg bw/day	
	Workers	Skin contact	Acute systemic effects	0.375 mg/kg bw/day	
	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Workers	Inhalation	Long-term systemic effects	12 mg/m ³
		Workers	Inhalation	Long-term local effects	12 mg/m ³
	Workers	Skin contact	Long-term systemic effects	170 mg/kg bw/day	
Urea	Workers	Inhalation	Long-term systemic effects	292 mg/m ³	
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Workers	Inhalation	Long-term systemic effects	175 mg/m ³	
	Workers	Skin contact	Long-term systemic effects	2750 mg/kg bw/day	

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

Substance name	Environmental Compartment	Value
Pentasodium triphosphate	Fresh water	0.005 mg/l
	Marine water	0.005 mg/l
	Fresh water sediment	0.19 mg/kg
	Soil	0.14 mg/kg
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Fresh water	0.268 mg/l
	Marine water	0.0268 mg/l
	Sewage treatment plant	3.43 mg/l
	Fresh water sediment	8.1 mg/kg
	Marine sediment	8.1 mg/kg
	Soil	35 mg/kg
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Fresh water	0.24 mg/l
	Marine water	0.024 mg/l
	Sewage treatment plant	10000 mg/l
	Fresh water sediment	5.45 mg/kg
	Marine sediment	0.545 mg/kg
	Soil	0.946 mg/kg

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8.2 Exposure controls

Personal protective equipment

Eye/face protection	:	Face-shield Safety glasses with side-shields conforming to EN166
Hand protection	:	
Material	:	Protective gloves complying with EN 374.
Break through time	:	> 60 min
Protective index	:	Class 3
Material	:	Nitrile rubber
Glove thickness	:	0.4 mm
Material	:	butyl-rubber
Glove thickness	:	0.5 mm
Remarks	:	The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. The exact break through time can be obtained from the protective glove producer and this has to be observed.
Skin and body protection	:	Chemical resistant protective clothing according to DIN EN 13034 (Type 6) Work uniform or laboratory coat.
Respiratory protection	:	If product forms vapours or aerosols wear breathing protection.
Filter type	:	ABEK-filter
Protective measures	:	When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Follow the skin protection plan.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Colour	:	red
Odour	:	like lemon
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	100 °C Method: DIN 51751

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Upper explosion limit / Upper
flammability limit : not determined

Auto-ignition temperature : 999 °C

pH : 8.2 (20 °C)
Concentration: 10 g/l

Viscosity
Viscosity, kinematic : similar to water

Solubility(ies)
Water solubility : completely soluble

Partition coefficient: n-
octanol/water : Not applicable

Vapour pressure : 23 hPa (20 °C)
Information taken from reference works and the literature.

Density : 1.09 g/cm³ (20 °C)
Method: DIN 51757

Relative vapour density : not determined

9.2 Other information

Explosives : No data available

Substances and mixtures,
which in contact with water,
emit flammable gases : No data available

Metal corrosion rate : Not corrosive to metals

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

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10.4 Conditions to avoid

Conditions to avoid : No decomposition if used as directed.

10.5 Incompatible materials

Materials to avoid : None known.

10.6 Hazardous decomposition products

Carbon dioxide (CO₂)

Carbon monoxide

Smoke

Hazardous decomposition products : No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified due to lack of data.

Product:

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

Components:

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:

Acute oral toxicity : LD50 (Rat): 1,080 mg/kg

Alcohols, C12-14, ethoxylated, sulfates, sodium salts:

Acute oral toxicity : LD50 (Rat, female): > 2,000 mg/kg

Acute dermal toxicity : LD50 (Rat, female): 4,100 mg/kg

Bronopol (INN); 2-bromo-2-nitropropane-1,3-diol:

Acute oral toxicity : LD50 (Rat): 66 mg/kg

Acute inhalation toxicity : LC50 (Rat): 0.588 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): 2,000 mg/kg

a mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Acute oral toxicity : LD50 (Rat): 64 mg/kg

Acute inhalation toxicity : LC50 (Rat): 0.171 mg/l
Exposure time: 4 h

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Test atmosphere: dust/mist
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rat): > 141 mg/kg
Method: OECD Test Guideline 402

Skin corrosion/irritation

Not classified due to lack of data.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Skin sensitisation

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

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

Product:

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : This substance/mixture does not contain components considered to have endocrine disrupting properties for human health according to UK REACH Article 57(f),

Further information

Product:

Remarks : Health injuries are not known or expected under normal use.

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SECTION 12: Ecological information

12.1 Toxicity

Components:

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:

Toxicity to fish	:	LC50 (Fish): 1.67 mg/l Exposure time: 96 h
		NOEC (Fish): 0.25 mg/l Exposure time: 90 d
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): 2.9 mg/l Exposure time: 48 h
		NOEC (Daphnia (water flea)): 1.18 mg/l Exposure time: 21 d
Toxicity to algae/aquatic plants	:	EC50 (Algae): 47.3 mg/l Exposure time: 72 h
		NOEC (Algae): 3.1 mg/l Exposure time: 15 d

Alcohols, C12-14, ethoxylated, sulfates, sodium salts:

Toxicity to fish	:	LC50 (Fish): 7.1 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
		NOEC (Fish): 1 mg/l Exposure time: 45 d Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): 7.4 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
		NOEC (Daphnia (water flea)): 1.2 mg/l Exposure time: 21 d
Toxicity to algae/aquatic plants	:	ErC50 (Algae): 27.7 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
		NOEC (Algae): 0.95 mg/l Exposure time: 72 h Method: OECD Test Guideline 201

Bronopol (INN); 2-bromo-2-nitropropane-1,3-diol:

M-Factor (Acute aquatic toxicity) : 10

Toxicity to fish (Chronic toxicity) : LC50: 39.1 mg/l

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icity) Exposure time: 49 d
Species: Oncorhynchus mykiss (rainbow trout)
Method: OECD Test Guideline 210

Toxicity to daphnia and other : NOEC: 0.27 mg/l
aquatic invertebrates (Chronic toxicity) Exposure time: 21 d
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 211

a mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Toxicity to fish (Chronic toxicity) : NOEC: 0.098 mg/l
Exposure time: 28 d
Species: Oncorhynchus mykiss (rainbow trout)
Method: OECD Test Guideline 210

Toxicity to daphnia and other : NOEC: 0.004 mg/l
aquatic invertebrates (Chronic toxicity) Exposure time: 21 d
Species: Daphnia (water flea)
Method: OECD Test Guideline 211

M-Factor (Chronic aquatic toxicity) : 10

12.2 Persistence and degradability

Components:

Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:

Biodegradability : Biodegradation: > 60 %
Exposure time: 28 d
Method: OECD Test Guideline 301B
Remarks: rapidly biodegradable
The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.907/2006 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Alcohols, C12-14, ethoxylated, sulfates, sodium salts:

Biodegradability : Biodegradation: 100 %
Exposure time: 28 d
Remarks: Readily biodegradable.

Remarks: This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

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12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data available

Components:

a mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Partition coefficient: n- : log Pow: -0.486
octanol/water

12.4 Mobility in soil

Product:

Mobility : Remarks: No data available

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.

12.6 Endocrine disrupting properties

Product:

Assessment : This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).

12.7 Other adverse effects

Product:

Additional ecological information : Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Do not let product enter drains.
Do not dispose of with domestic refuse.
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging : If recycling is not practicable, dispose of in compliance with local regulations.
Since emptied containers retain product residues (vapour and/or liquid) follow all MSDS/label warnings after container is emptied.

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Waste Code : Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information

14.1 UN number or ID number

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA_P : Not regulated as a dangerous good

14.2 UN proper shipping name

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA_P : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA_P : Not regulated as a dangerous good

14.4 Packing group

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA (Cargo) : Not regulated as a dangerous good

IATA_P (Passenger) : Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

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

Relevant EU provisions transposed through retained EU law

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UK REACH List of restrictions (Annex 17)	:	Conditions of restriction for the following entries should be considered: Number on list 3
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	Not applicable
Regulation (EC) on substances that deplete the ozone layer	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable
GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation	:	Not applicable

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

SECTION 16: Other information

Full text of H-Statements

H301	:	Toxic if swallowed.
H302	:	Harmful if swallowed.
H310	:	Fatal in contact with skin.
H312	:	Harmful 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.
H331	:	Toxic if inhaled.
H335	:	May cause respiratory irritation.
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.
H412	:	Harmful to aquatic life with long lasting effects.
EUH071	:	Corrosive to the respiratory tract.

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 SE	:	Specific target organ toxicity - single exposure

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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - 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; 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

Other information : The information provided is based on our current knowledge and experience and apply to the product as delivered. Regarding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Classification of the mixture:

Eye Dam. 1 H318

Classification procedure:

Calculation method

GB / EN