SAFETY DATA SHEET

SPEKTRA acrylic concrete coating

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	28.11.2023	MAT0GA00_048 IL/EN	Date of first issue: 28.11.2023

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

1.1 Product identifier

Trade name : SPEKTRA acrylic concrete coating

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

Use of the Substance/Mixture : Building and construction work
Professional and consumer use of coatings, Roller application or brushing, Non industrial spraying
Coatings and paints, thinners, paint removers

1.3 Details of the supplier of the safety data sheet

Company : KANSAI HELIOS Slovenija d.o.o.
Količevo 65
1230 Domžale
Slovenia

Telephone Company : 386 (1) 722 4383

Telefax Company : 386 (1) 722 4310

Responsible/issuing person : 386 (1) 722 4383
productsafety@kansai-helios.si

1.4 Emergency telephone number

Ambulance (972) 101

Israel Poison Information Center +972 4 854 19 00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.

Prevention:

P273 Avoid release to the environment.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Additional Labelling

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1). May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Waterborne paint

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
2-methyl-2H-isothiazol-3-one	2682-20-4 220-239-6 613-326-00-9 01-2120764690-50	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1	>= 0.0025 - < 0.025
mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-	55965-84-9	Acute Tox. 3; H301 Acute Tox. 2; H330	>= 0.0002 - < 0.0015

isothiazol-3-one (3:1)	613-167-00-5 01-2120764691-48	Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100	
Substances with a workplace exposure limit :			
Quartz (SiO2)	14808-60-7 238-878-4		>= 1 - < 10
talc	14807-96-6 238-877-9 01-2120140278-58		>= 1 - < 10

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : In case of contact, immediately flush skin with plenty of water.
Remove contaminated clothing and shoes.

In case of eye contact : Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : 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 : Wear self-contained breathing apparatus for firefighting if necessary.

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 : Avoid contact with skin and eyes.
Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

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

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : 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 : General industrial hygiene practice.

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. Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage : No materials to be especially mentioned.

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

7.3 Specific end use(s)

Specific use(s) : For further information, refer to the product technical data sheet.

Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Quartz (SiO2)	14808-60-7	TWA (Respirable dust)	0.1 mg/m3	2004/37/EC
	Further information: Carcinogens or mutagens			
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
Talc	14807-96-6	TWA (Respirable dust)	0.1 mg/m3	2004/37/EC
	Further information: Carcinogens or mutagens			
		TWA (Respirable particulate matter)	2 mg/m3	ACGIH
2-(2-butoxyethoxy)ethanol	112-34-5	STEL	15 ppm 101.2 mg/m3	2006/15/EC
	Further information: Indicative			
		TWA	10 ppm 67.5 mg/m3	2006/15/EC
	Further information: Indicative			
		TWA (Inhalable	10 ppm	ACGIH

		fraction and vapor)		
titanium dioxide	13463-67-7	TWA (Respirable particulate matter)	0.2 mg/m3 (Titanium dioxide)	ACGIH
		TWA (Respirable particulate matter)	2.5 mg/m3 (Titanium dioxide)	ACGIH
Quartz (SiO2)	14808-60-7	TWA (Respirable dust)	0.1 mg/m3	2004/37/EC
	Further information: Carcinogens or mutagens			
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
Talc	14807-96-6	TWA (Respirable dust)	0.1 mg/m3	2004/37/EC
	Further information: Carcinogens or mutagens			
		TWA (Respirable particulate matter)	2 mg/m3	ACGIH
2-(2-butoxyethoxy)ethanol	112-34-5	STEL	15 ppm 101.2 mg/m3	2006/15/EC
	Further information: Indicative			
		TWA	10 ppm 67.5 mg/m3	2006/15/EC
	Further information: Indicative			
		TWA (Inhalable fraction and vapor)	10 ppm	ACGIH

Derived No Effect Level (DNEL)

according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
titanium dioxide	Workers	Inhalation	Long-term local effects	10 mg/m3
	Consumers	Oral	Long-term systemic effects	700 mg/kg bw/day
Calcium carbonate	Workers	Inhalation	Long-term local effects	4.26 mg/m3
	Consumers	Inhalation	Long-term local effects	1.06 mg/m3
Talc	Workers	Inhalation	Acute systemic effects	2.16 mg/m3
	Workers	Inhalation	Acute local effects	3.6 mg/m3
	Consumers	Inhalation	Acute systemic effects	1.08 mg/m3
	Consumers	Inhalation	Acute local effects	1.8 mg/m3
	Consumers	Dermal	Long-term local effects	2.27 mg/cm2
	Workers	Dermal	Long-term local ef-	4.54 mg/cm2

			fects	
	Consumers	Oral	Long-term systemic effects	160 mg/kg bw/day
	Consumers	Oral	Acute systemic effects	160 mg/kg bw/day
	Workers	Dermal	Long-term systemic effects	43.2 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	21.6 mg/kg bw/day
2-(2-butoxyethoxy)ethanol	Workers	Inhalation	Long-term systemic effects	67.5 mg/m3
	Workers	Inhalation	Long-term local effects	67.5 mg/m3
	Workers	Inhalation	Acute local effects	101.2 mg/m3
	Consumers	Inhalation	Long-term systemic effects	40.5 mg/m3
	Consumers	Inhalation	Long-term local effects	40.5 mg/m3
	Consumers	Inhalation	Acute local effects	60.7 mg/m3
	Workers	Dermal	Long-term systemic effects	83 mg/kg bw/day
	Consumers	Dermal	Long-term systemic effects	50 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	5 mg/kg bw/day
1,2-benzisothiazol-3(2H)-one	Workers	Inhalation	Long-term systemic effects	6.81 mg/m3
	Workers	Dermal	Long-term systemic effects	0.966 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	1.2 mg/m3
	Consumers	Dermal	Long-term systemic effects	0.345 mg/kg bw/day
reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H - isothiazol-3- one (3:1)	Consumers	Inhalation	Acute local effects	0.04 mg/m3
	Workers	Inhalation	Long-term local effects	0.02 mg/m3
	Workers	Inhalation	Acute local effects	0.04 mg/m3
	Consumers	Inhalation	Long-term local effects	0.02 mg/m3
	Consumers	Oral	Long-term systemic effects	0.09 mg/kg bw/day
	Consumers	Oral	Acute systemic effects	0.11 mg/kg bw/day

Predicted No Effect Concentration (PNEC)

according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
titanium dioxide	Soil	100 mg/kg dry

		weight (d.w.)
	Marine water	0.0184 mg/l
	Fresh water	0.184 mg/l
	Marine sediment	100 mg/kg dry weight (d.w.)
	Fresh water sediment	1000 mg/kg dry weight (d.w.)
	Sewage treatment plant	100 mg/l
	Intermittent use/release	0.193 mg/l
Calcium carbonate	Sewage treatment plant	100 mg/l
Talc	Marine water	141.26 mg/l
	Fresh water	597.97 mg/l
	Marine sediment	3.13 mg/kg dry weight (d.w.)
	Fresh water sediment	31.33 mg/kg dry weight (d.w.)
	Intermittent use/release	597.97 mg/l
2-(2-butoxyethoxy)ethanol	Soil	0.32 mg/kg dry weight (d.w.)
	Marine water	0.11 mg/l
	Fresh water	1.1 mg/l
	Marine sediment	0.44 mg/kg dry weight (d.w.)
	Fresh water sediment	4.4 mg/kg dry weight (d.w.)
	Sewage treatment plant	200 mg/l
	Intermittent use/release	11 mg/l
1,2-benzisothiazol-3(2H)-one	Fresh water	0.00403 mg/l
	Intermittent use/release	0.0011 mg/l
	Marine water	0.000403 mg/l
	Sewage treatment plant	1.03 mg/l
	Fresh water sediment	0.0499 mg/kg dry weight (d.w.)
	Marine sediment	0.00499 mg/kg dry weight (d.w.)
	Soil	3 mg/kg dry weight (d.w.)
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3- one (3:1)	Soil	0.01 mg/kg dry weight (d.w.)
	Marine water	0.00339 mg/l
	Fresh water	0.00339 mg/l
	Marine sediment	0.027 mg/kg dry weight (d.w.)
	Fresh water sediment	0.027 mg/kg dry weight (d.w.)
	Sewage treatment plant	0.23 mg/l
	Intermittent use/release	0.00339 mg/l

8.2 Exposure controls

Personal protective equipment

Eye/face protection	:	Equipment should conform to EN 166
Hand protection		
Gloves	:	Nitrile rubber (> 0,1 mm; < 60 min); DIN EN374 butyl-rubber (> 0,6 mm; < 240 min); DIN EN374 Viton® (> 0,6 mm; < 240 min); DIN EN374 PE laminate (> 0,1 mm; < 240 min); DIN EN374
Remarks	:	Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Skin and body protection	:	Protective suit
Respiratory protection	:	No personal respiratory protective equipment normally required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	liquid
Colour	:	in accordance with the product description
Odour	:	No information available.
Odour Threshold	:	No data available
pH	:	No data available
Melting point/freezing point	:	0.0 °C (calculation method (principal components, lowest value))
Boiling point/boiling range	:	100 °C (calculation method (principal components, lowest value))
Flash point	:	Not applicable
Flammability (solid, gas)	:	Not applicable
Vapour pressure	:	23 hPa (calculation method (principal components, highest value)) (20 °C)
Relative density	:	1.28 (calculation method (principal components, highest value))
Density	:	1.25 - 1.35 g/cm3
Solubility(ies)		
Water solubility	:	completely miscible
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Viscosity		

Viscosity, kinematic	:	> 20.5 mm2/s (40 °C)

9.2 Other information

No data available

VOC	:	(Directive 2004/42/EC) 90 g/l

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

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 hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid	:	No data available

10.5 Incompatible materials

Materials to avoid	:	Incompatible with strong acids and bases.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.

Components:

2-(2-butoxyethoxy)ethanol:

Acute oral toxicity	:	LD50 Oral (Rat): >= 6,560 mg/kg
Acute dermal toxicity	:	LD50 (Rabbit): >= 4,120 mg/kg

2-methylisothiazol-3(2H)-one:

Acute oral toxicity	:	Assessment: The component/mixture is toxic after single ingestion.
Acute inhalation toxicity	:	Test atmosphere: vapour Assessment: The component/mixture is highly toxic after short term inhalation.

Acute dermal toxicity : Assessment: The component/mixture is toxic after single contact with skin.

Skin corrosion/irritation

Not classified based on available information.

Components:

2-methylisothiazol-3(2H)-one:

Result : Corrosive after 3 minutes to 1 hour of exposure

Serious eye damage/eye irritation

Not classified based on available information.

Components:

2-(2-butoxyethoxy)ethanol:

Result : Eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

2-methylisothiazol-3(2H)-one:

Result : Probability or evidence of skin sensitisation in humans

Germ cell mutagenicity

Not classified based on available information.
Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.
Not classified based on available information.
Not classified based on available information.

Further information

Product:

Remarks : No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

2-(2-butoxyethoxy)ethanol:

Toxicity to fish	:	LC50 (Fish): >= 2,500 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia (water flea)): > 1,000 mg/l Exposure time: 48 h
Toxicity to microorganisms	:	EC50 (Bacteria): > 5,000 mg/l

2-methylisothiazol-3(2H)-one:

M-Factor (Acute aquatic toxicity)	:	10
M-Factor (Chronic aquatic toxicity)	:	1

Ecotoxicology Assessment

Acute aquatic toxicity	:	Very toxic to aquatic life.

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1):

Toxicity to fish	:	LC50 (Salvelinus namaycush (lake trout)): >= 10.85 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	:	LC50 (algae): >= 0.82 mg/l Exposure time: 48 h LC50 (algae): 0.018 mg/l Exposure time: 72 h
M-Factor (Acute aquatic toxicity)	:	100
M-Factor (Chronic aquatic toxicity)	:	100

12.2 Persistence and degradability

Components:

2-methylisothiazol-3(2H)-one:

Biodegradability	:	Result: Biodegradable

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

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 Other adverse effects

Product:

Endocrine disrupting potential	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Additional ecological information	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	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.

SECTION 14: Transport information

14.1 UN number

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

14.2 UN proper shipping name

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good

IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

14.4 Packing group

ADN	:	Not regulated as a dangerous good
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 (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 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

Volatile organic compounds	:	Directive 2004/42/EC Volatile organic compounds (VOC) content: 90 g/l

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of H-Statements

H301	:	Toxic if swallowed.
H310	:	Fatal in contact with skin.
H311	:	Toxic in contact with skin.
H314	:	Causes severe skin burns and eye damage.

H318	:	Causes serious eye damage.
H319	:	Causes serious eye irritation.
H330	:	Fatal if inhaled.
H400	:	Very toxic to aquatic life.
H410	:	Very 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
Eye Irrit.	:	Eye irritation
Skin Corr.	:	Skin corrosion
2004/37/EC	:	Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work
2006/15/EC	:	Europe. Indicative occupational exposure limit values
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
2004/37/EC / TWA	:	Long term exposure limit
2006/15/EC / TWA	:	Limit Value - eight hours
2006/15/EC / STEL	:	Short term exposure limit
ACGIH / TWA	:	8-hour, time-weighted average

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; 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; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:		**Classification procedure:**
Aquatic Chronic 3	H412	Calculation method

412504; 412509; 412510; 480851; 480852; 480870; 480871

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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