

# IKF-1216 500SC

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 6/17/2002 Revision date: 6/30/2021 Supersedes version of: 8/19/2019 Version: 12.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Winner; Shirlan; Ohayo; Frowncide; Winby; Ibiza SC; Boyano; Shirlan 500SC; Altima 500SC; Dirango; Ibiza 500; Ohayo 50SC; Altima; Altima 500s.k.; Sirlans 500s.k.; Ohayo 500s.k.; Winby 500s.k.; Frowncide 500s.k.; Ohayo 500SC; Winby 500SC; Legacy; Shirlan Programme; Mapro; Sekoya; Dalimo  
Product code : IKF-1216 500SC, IBE 3876

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Fungicide

##### 1.2.2. Uses advised against

No additional information available

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

ISK Biosciences Europe N.V.  
Pegasus Park, De Kleetlaan 12B - box 9  
B-1831 Diegem  
Belgium  
T +32 2 627 86 11 - F +32 2 627 86 00  
[isk-msds@isk.be](mailto:isk-msds@isk.be)

#### 1.4. Emergency telephone number

Emergency number : +32 14 58 45 45

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Sens. 1	H317
Repr. 2	H361d
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Full text of hazard classes, H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

May cause an allergic skin reaction. Suspected of damaging the unborn child. Very toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) : Warning  
Contains : Fluazinam (ISO), 1,2-benzisothiazol-3(2H)-one  
Hazard statements (CLP) : H317 - May cause an allergic skin reaction.  
H361d - Suspected of damaging the unborn child.  
H410 - Very toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP)	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing vapours. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear eye protection/face protection, protective clothing, protective gloves. P302+P352 - IF ON SKIN: Wash with plenty of water. P308+P313 - IF exposed or concerned: Get medical advice/attention. P321 - Specific treatment (see supplemental first aid instruction on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Fluazinam (ISO)	CAS-No.: 79622-59-6 EC Index-No.: 612-287-00-5	25 – 50	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1A, H317 Repr. 2, H361d Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-[2,4,6-tris(1-phenylethyl)phenoxy]-, ammonium salt	CAS-No.: 119432-41-6	1 - 5	Eye Irrit. 2, H319 Aquatic Chronic 3, H412
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	< 0,05	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Quartz (SiO2) substance with a Community workplace exposure limit	CAS-No.: 14808-60-7 EC-No.: 238-878-4	< 0.1	Not classified

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	( 0.05 ≤C ≤ 100) Skin Sens. 1, H317

Comments : Contains :  
< 0.1 %  
Silica, respirable crystalline

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Consult a doctor/medical service if you feel unwell.  
First-aid measures after inhalation : Move the affected person to the fresh air. Respiratory problems: consult a doctor/medical service.  
First-aid measures after skin contact : Wash skin with mild soap and water. If case of redness or irritation, get medical advice/attention.  
First-aid measures after eye contact : Rinse with plenty of water. Do not apply (chemical) neutralizing agents. Consult an ophthalmologist if irritation persists.  
First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Do not give an unconscious person anything to drink. Consult a doctor/medical service if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact : May cause an allergic skin reaction.  
Symptoms/effects after eye contact : May cause slight irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : All extinguishing agents can be used.

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

Hazardous decomposition products in case of fire : Toxic and corrosive vapours may be released : Nitrous fumes. Hydrogen chloride. Hydrofluoric acid. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Sulphur oxides.

### 5.3. Advice for firefighters

Firefighting instructions : Dilute toxic gases with water spray. Contain the extinguishing fluids by bunding (the product is hazardous for the environment).  
Protection during firefighting : Gloves. Full protective flameproof clothing. Heat/fire exposure: compressed air/oxygen apparatus. Gas-tight suit.  
Other information : Do not dispose of fire-fighting water in the environment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area.

#### 6.1.1. For non-emergency personnel

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".

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Emergency procedures : Avoid contact with skin and eyes. Do not breathe vapours.

### 6.1.2. For emergency responders

Protective equipment : Protective gloves. Protective clothing.

## 6.2. Environmental precautions

Stop leak if safe to do so. Contain leaking substance, pump over in suitable containers. Contain the spilled material by bunding. Do not flush into surface water or sewer system. Do not allow uncontrolled discharge of product into the environment.

## 6.3. Methods and material for containment and cleaning up

For containment : Take up liquid spill into absorbent material. Shovel into suitable and closed container for disposal. Carefully collect remainder.

Methods for cleaning up : Clean contaminated surfaces with an excess of water.

Other information : Dispose of materials or solid residues at an authorized site.

## 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Do not discharge the waste into the drain.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke during use. Separate working clothes from town clothes. Launder separately.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : The floor of the depot should be impermeable and designed to form a water-tight basin.

Storage conditions : Store in a dry, cool area. Protect from heat and direct sunlight. Keep the container hermetically sealed. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.

Special rules on packaging : Store in original container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

Quartz (SiO <sub>2</sub> ) (14808-60-7)	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Local name	Silica crystalline (Quartz)
IOEL TWA	0.05 mg/m <sup>3</sup> (respirable dust)
Remark	(Year of adoption 2003) (Year of adoption 2003)
Regulatory reference	SCOEL Recommendations SCOEL Recommendations
<b>EU - Binding Occupational Exposure Limit (BOEL)</b>	
Local name	Respirable crystalline silica dust
BOEL TWA	0.1 mg/m <sup>3</sup> (Respirable fraction)
Regulatory reference	DIRECTIVE (EU) 2019/130 (amending Directive 2004/37/EC)

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### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Provide local exhaust or general room ventilation.

### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety goggles or face shield

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Protective clothing

##### Hand protection:

Protective gloves. The protective gloves to be used must comply with the specifications of Regulation (EC) No. 2016/425. PVC or other plastic material or natural rubber gloves. Breakthrough time : refer to the recommendations of the supplier

##### Other skin protection

##### Materials for protective clothing:

Rubber. Plastic. Polyvinylchloride (PVC)

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In the event of exposure to high concentrations : Gas mask with filter type A

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: light yellow.
Appearance	: Suspension.
Odour	: Odourless.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing.

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Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: Not applicable
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: Not available
pH	: Not available
pH solution	: 5.4 - 6.56 (1% w/v)
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: 123 - 61.8 mPa·s (shear rate: 64.5-258/s) (20 °C) 92.8 - 43.8 mPa·s (shear rate: 64.5-258/s) (40 °C)
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 1.29 g/cm <sup>3</sup> (20 °C) ; 1.228 g/cm <sup>3</sup> (ambient temperature)
Relative density	: 1.29 (20 °C) ; 1.228 (ambient temperature)
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

## 9.2. Other information

### 9.2.1. Information with regard to physical hazard classes

No additional information available

### 9.2.2. Other safety characteristics

Surface tension : 53.1 mN/m (Aqueous solution of Fluazinam 500SC (1 g/l) (20 °C))

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

### 10.3. Possibility of hazardous reactions

None to our knowledge.

### 10.4. Conditions to avoid

Avoid formation of vapours.

### 10.5. Incompatible materials

None to our knowledge.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Not classified. (Based on available data, the classification criteria are not met)

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LD50 oral rat	> 2000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 1.15 mg/l/4h (OECD 403 method)

Skin corrosion/irritation : Not classified. (Based on available data, the classification criteria are not met)  
Additional information : Not irritating to rabbits on cutaneous application  
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
Additional information : Slightly irritating to rabbits on ocular application  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Additional information : {0} Guinea pig : Skin sensitization (EPA FIFRA 82-6 (1984))  
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Fluazinam (ISO) (79622-59-6)	
NOAEL (chronic, oral, animal/male, 2 years)	1.9 mg/kg bw/day (rat)
NOAEL (chronic, oral, animal/male, 2 years)	1.12 mg/kg bw/day (mouse)

Reproductive toxicity : Suspected of damaging the unborn child.

Fluazinam (ISO) (79622-59-6)	
NOAEL (animal/male, F0/P)	1.5 mg/kg bw/day (rat)
NOAEL (animal/male, F1)	7.26 mg/kg bw/day (rat)
NOAEL (oral, rat, male)	7.26 mg/kg bw/day
NOAEL (maternal/Developmental toxicity, oral, rat, female)	10 mg/kg bw/day
NOAEL (maternal, oral, rabbit, female)	4 mg/kg bw/day
NOAEL (Developmental toxicity, oral, rabbit, female)	1 - 7 mg/kg bw/day

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
NOAEL (rat, Parental)	112 mg/kg bw/day
NOAEL (rat, F1/F2, Reproductive toxicity)	56.6 mg/kg bw/day

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Fluazinam (ISO) (79622-59-6)	
NOAEL (oral, rat, 90 days)	4.1 mg/kg bw/day
LOAEL (Dermal, rat)	10 mg/kg bw/day (28 days)

1,2-benzisothiazol-3(2H)-one (2634-33-5)	
NOAEL (oral, rat, 90 days)	69 mg/kg bw/day

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

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Viscosity, kinematic	Not applicable

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### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.

Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

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LC50 - Fish [1]	0.16 mg/l (96 Hours) (Oncorhynchus mykiss (Rainbow trout)) (OECD 203 method)
EC50 - Crustacea [1]	0.31 mg/l (48 Hours) (Daphnia magna) (OECD 202 method)
ErC50 algae	> 5.7 mg/l (72 Hours) (Pseudokirchneriella subcapitata) (OECD 201 method)

#### Fluazinam (ISO) (79622-59-6)

NOEC chronic fish	0.0029 mg/l (278 days) (Pimephales promelas)
NOEC chronic crustacea	0.0125 mg/l (21 days) (Daphnia magna)

### 12.2. Persistence and degradability

#### Fluazinam (ISO) (79622-59-6)

Persistence and degradability : Not readily biodegradable. Half-life (in soil): 72.5 days.

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

Persistence and degradability : Inherently biodegradable.

#### Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-[2,4,6-tris(1-phenylethyl)phenoxy]-, ammonium salt (119432-41-6)

Biodegradation : 0 % (28 days)

### 12.3. Bioaccumulative potential

#### Fluazinam (ISO) (79622-59-6)

BCF - Fish [1]	1090 (Lepomis macrochirus)
Partition coefficient n-octanol/water (Log Pow)	4.03 (25 °C; pH: 5.5-7.0)

### 12.4. Mobility in soil

#### Fluazinam (ISO) (79622-59-6)

Organic Carbon Normalized Adsorption Coefficient (Log Koc) : 3.29

### 12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### Component

Fluazinam (ISO) (79622-59-6) : This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII



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Component	
1,2-benzisothiazol-3(2H)-one (2634-33-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Quartz (SiO <sub>2</sub> ) (14808-60-7)	PBT : Not applicable (inorganic substance) vPvB : Not applicable (inorganic substance)

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available






## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods	: Do not dispose of with domestic waste. Remove to an incinerator for chlorinated waste materials with energy recovery.
Product/Packaging disposal recommendations	: Incinerate at a licensed installation. Dispose of in accordance with relevant local regulations.
European List of Waste (LoW) code	: 02 01 08* - agrochemical waste containing dangerous substances 15 01 10* - packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
<b>14.2. UN proper shipping name</b>				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam (ISO))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam (ISO))	Environmentally hazardous substance, liquid, n.o.s. (Fluazinam (ISO))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam (ISO))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam (ISO))
<b>14.3. Transport hazard class(es)</b>				
9	9	9	9	9
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				

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### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code (ADR) : -

#### Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A
MFAG-No	: 171

#### Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

#### Inland waterway transport

Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0

#### Rail transport

Classification code (RID)	: M6
Special provisions (RID)	: 274, 335, 375, 601

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Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Not subject

## SECTION 16: Other information

### Indication of changes:

This sheet was updated (refer to the date at the top of this page). SDS changed sections : 3.

Data sources : ECHA (European Chemicals Agency). SDS of suppliers.

### Full text of H- and EUH-statements:

Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3

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### Full text of H- and EUH-statements:

EUH401	To avoid risks to human health and the environment, comply with the instructions for use.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Sens. 1	H317	Calculation method
Repr. 2	H361d	Calculation method
Aquatic Acute 1	H400	On basis of test data
Aquatic Chronic 1	H410	Calculation method

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.