

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 14/11/2016 Revision date: 23/12/2021 Supersedes version of: 1/02/2021 Version: 4.0

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

#### 1.1. Product identifier

Product form : Mixture Trade name : Shirlan

: IKF1216 500 SC; IBE 3876 Product code Type of product : SC (Suspension Concentrate)

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use 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

Supplier

Belchim Crop Protection NV/SA

Technologielaan 7

B- 1840 Londerzeel

Belgium

T +32 (0)52 30 09 06 - F +32 (0)52 30 11 35

info@belchim.com - www.belchim.com

Marketing company

Belchim Crop Protection Limited

1b Fenice Court, Phoenix Park Eaton Socon, St. Neots

Cambridgeshire PE19 8EW

United Kingdom

T 01480 403333 - F 01480 403444

Info-uk@belchim.com - www.belchim.co.uk

## 1.4. Emergency telephone number

Emergency number : +32(0)14584545

24 H/7 days/English/French/German/Dutch

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre	PO Box 1297	+353 1 809 2566	
	Beaumont Hospital	Beaumont Road	(Healthcare professionals-	
		9 Dublin	24/7)	
			+353 1 809 2166 (public,	
			8am - 10pm, 7/7)	

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

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

Skin sensitisation, Category 1 H317 Reproductive toxicity, Category 2 H361d Hazardous to the aquatic environment — Acute Hazard, Category 1 H400 Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410

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

### Adverse physicochemical, human health and environmental effects

Harmful if inhaled. Suspected of damaging fertility or the unborn child. May cause an allergic skin reaction. 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)







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GHS07 GHS08 GHS09

Signal word (CLP) : Warning

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.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.
P261 - Avoid breathing mist, vapours, spray.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves, protective clothing.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P308+P313 - IF exposed or concerned: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P501 - Dispose of contents/container to a licensed hazardouswaste disposal contractor or collection site except for empty clean triple-rinsed containers which can be disposed

of as non-hazardous waste.

EUH-statements : EUH401 - To avoid risks to human health and the environment, comply with the instructions

for use.

Extra phrases : Spe3: To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface

water bodies

#### 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

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	
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	

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-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), .alphasulfoomega[2,4,6-tris(1-p henylethyl)phenoxy]-, ammonium salt	CAS-No.: 119432-41-6	1 – 5	Eye Irrit. 2, H319 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Quarz (SiO2)	CAS-No.: 14808-60-7 EC-No.: 238-878-4	< 0,1	Not classified
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

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 : Respiratory problems: consult a doctor/medical service. Move the affected person to the

fresh air.

First-aid measures after skin contact : Wash skin with mild soap and water. If case of redness or irritation, call a doctor.

First-aid measures after eye contact : Rinse immediately with plenty of water. Do not apply (chemical) neutralizing agents. Consult

an ophtalmologist if irritation persists.

First-aid measures after ingestion : Do not induce vomiting. Do not give an unconscious person anything to drink. Consult a

doctor/medical service if you feel unwell. Rinse mouth out with water.

#### 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. hydrogenchloride.

Hydrofluoric Acid. Carbon oxides (CO, CO2). 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.

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#### 6.1.1. For non-emergency personnel

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

Emergency procedures : Avoid contact with skin and eyes. Avoid breathing vapours.

6.1.2. For emergency responders

Protective equipment : Protective clothing. Protective gloves.

#### 6.2. Environmental precautions

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

## 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.

 Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. 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)

Hygiene measures

No additional information available

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

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

Quarz (SiO2) (14808-60-7)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	Silica crystaline (Quartz)	
IOEL TWA	0,05 mg/m³ (respirable dust)	
Remark	(Year of adoption 2003)	
Regulatory reference	SCOEL Recommendations	
EU - Binding Occupational Exposure Limit (BOEL)		
Local name	Respirable crystalline silica dust	
BOEL TWA	0,1 mg/m³ (Respirable fraction)	
Regulatory reference	DIRECTIVE (EU) 2019/130 (amending Directive 2004/37/EC)	

#### 8.1.2. Recommended monitoring procedures

No additional information available

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#### 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. Face shield

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves. The protective gloves to be used must comply with the specifications of the regulation 2016/425 and the resultant standard EN 374. 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 or plastic gloves. Polyvinylchloride (PVC)

## 8.2.2.3. Respiratory protection

## Respiratory protection:

High gas/vapour concentration: 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 : SC (Suspension Concentrate).

Odour : odourless. Odour threshold : No data available Melting point : Not applicable Freezing point : No data available Boiling point : No data available : Not available Flammability Explosive properties : Not explosive. Oxidising properties : Non oxidizing. : Not available **Explosive limits** : No data available Lower explosive limit (LEL) Upper explosive limit (UEL) : No data available Flash point : Not applicable.

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Auto-ignition temperature : Not self-igniting

Decomposition temperature : No data available
pH : No data available
pH solution : 5,4 - 6,56 (1% w/v)

Viscosity, kinematic : Not applicable

Viscosity, dynamic : 61,8 – 123 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 : No data available.

Partition coefficient n-octanol/water (Log Kow) : Not available

Partition coefficient n-octanol/water (Log Pow) : No data available

Vapour pressure : No data available

Vapour pressure at 50 °C : No data available

Density : 1,29 g/cm³ (20 °C); 1.228 g/cm³ (ambient temperature)

Relative density : 1,29 (20 °C); 1.228 (ambient temperature)

Relative vapour density at 20 °C : No data available Particle size : Not applicable Particle size distribution : Not applicable Particle shape : Not applicable Particle aspect ratio : Not applicable : Not applicable Particle aggregation state : Not applicable Particle agglomeration state 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

Additional information : Surface tension : 53,1 mN/m

## **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.

### 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)

Shirlan	
LD50 oral rat	> 2000 mg/kg bodyweight

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Shirlan	
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) pH: No data available
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)     pH: No data available
Additional information	: Slightly irritating to rabbits on ocular application
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Additional information	: Guinea pig
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 bodyweight (rat)
Reproductive toxicity	: Suspected of damaging the unborn child.
Fluazinam (ISO) (79622-59-6)	
NOAEL (animal/male, F0/P)	1,5 mg/kg bodyweight /day (rat)
NOAEL (animal/male, F1)	7,26 mg/kg /day (rat)
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 bodyweight/day
1,2-benzisothiazol-3(2H)-one (2634-33-5)	)
NOAEL (oral, rat, 90 days)	69 mg/kg bodyweight/day
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Shirlan	
Viscosity, kinematic	Not applicable

#### 11.2. Information on other hazards

No additional information available

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Hazardous to the aquatic environment, short-term

: Very toxic to aquatic life.

Hazardous to the aquatic environment, long-term

: Very toxic to aquatic life with long lasting effects.

(chronic)

,		
Shirlan		
LC50 - Fish [1]	0,16 mg/l (96H; Oncorhynchus mykiss (Rainbow trout); OECD 203)	
EC50 - Crustacea [1]	0,31 mg/l (48H; Daphnia magna; OECD 202)	
ErC50 algae	> 5,7 mg/l (7 H; Pseudokirchneriella subcapitata; OECD 201)	
Fluazinam (ISO) (79622-59-6)		
NOEC chronic fish	0,0029 mg/l (278d - Pimephales promelas)	
NOEC chronic crustacea 0,0125 mg/l (21d - Daphnia magna)		

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## 12.2. Persistence and degradability

Fluazinam (ISO) (79622-59-6)		
Persistence and degradability Not readily biodegradable.		
Poly(oxy-1,2-ethanediyl), .alphasulfoomega[2,4,6-tris(1-p henylethyl)phenoxy]-, ammonium salt (119432-41-6)		
Biodegradation 0 % (28d)		
1,2-benzisothiazol-3(2H)-one (2634-33-5)		
Persistence and degradability Inherently biodegradable.		

## 12.3. Bioaccumulative potential

Shirlan		
Partition coefficient n-octanol/water (Log Pow)	No data available	
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)	

## 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

Shirlan		
This substance/mixture does not meet the PBT of	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	
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	

### 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 authorized incinerator 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

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ADR	IMDG	IATA	ADN	RID
Special provision(s) applied : 375	Special provision(s) applied : 969	Special provision(s) applied : A197	Special provision(s) applied : 375	Special provision(s) applied : 375
or having a net mass per sing		ackagings containing a net qu or less for solids, are not subj and 4.1.1.4 to 4.1.1.8.		
14.1. UN number or ID n	umber			
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shipping	g name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam)	Environmentally hazardous substance, liquid, n.o.s. (Fluazinam)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam)
Transport document descri	iption			
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam), 9, III, (-	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam), 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Fluazinam), 9,	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam), 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluazinam), 9, III
14.3. Transport hazard o	:lass(es)			
9	9	9	9	9
		**************************************	**************************************	**************************************
14.4. Packing group		L		
III	III	III	III	III
14.5. Environmental haz	ards			
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 informatio	n availahla	1		

# 14.6. Special precautions for user

## Overland transport

Special provisions (ADR) : 274, 335, 375, 601

Orange plates

90 3082

# Transport by sea

No data available

#### Air transport

No data available

## Inland waterway transport

Classification code (ADN) : M6
Number of blue cones/lights (ADN) : 0

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#### Rail transport

No data available

## 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.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out Not subject

## **SECTION 16: Other information**

Indication of changes			
Section	Changed item	Change	Comments
	Revision date	Modified	
	Supersedes	Modified	
	SDS EU format	Modified	
1.1	Name	Modified	
1.1	UFI	Added	
2.2	EUH-statements	Added	

Abbreviations and acronyms:	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic

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Abbreviations and acronyms:		
OECD	Organisation for Economic Co-operation and Development	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
vPvB	Very Persistent and Very Bioaccumulative	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ATE	Acute Toxicity Estimate	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
NOAEL	No-Observed Adverse Effect Level	
OEL	Occupational Exposure Limit	
PNEC	Predicted No-Effect Concentration	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
ED	Endocrine disrupting properties	

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. SDS of suppliers. ECHA (European Chemicals Agency).

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	
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	

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Full text of H- and EUH-statements:	
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

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.