SP 106 Slow Hardener

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 28/05/2015 Revision date: 17/03/2016 Supersedes: 02/10/2015 Version: 1.8

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

1.1. Product identifier

Product form : Mixture

Name : SP 106 Slow Hardener

Product group : Hardener

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only
Industrial

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Gurit (UK) Ltd
St Cross Business Park
PO30 5WU Isle of Wight - United Kingdom
T +44 (0) 1983 828 000
contact@gurit.com - www.gurit.com

1.4. Emergency telephone number

Emergency number : +44 (0) 2392 242148

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Acute toxicity (oral), Category 4	H302	Calculation method
Acute toxicity (dermal), Category 3	H311	Calculation method
Skin corrosion/irritation, Category 1B	H314	Calculation method
Sensitisation — Skin, Category 1	H317	Calculation method
Germ cell mutagenicity, Category 2	H341	Calculation method
Reproductive toxicity, Category 2	H361	Calculation method
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336	Calculation method
Hazardous to the aquatic environment — Chronic Hazard, Category 3	H412	Calculation method

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS05 GHS06 GHS08

Signal word (CLP) : Danger

Hazardous ingredients : Phenol; 3,6-diazaoctanethylenediamin, triethylenetetramine; Propylene glycol diamine, 2-amino-, diether with Propylene; 3-aminomethyl-3,5,5-trimethylcyclohexylamine; 2,2'-

iminodiethylamine, diethylenetriamine; bisphenol A, 4,4'-isopropylidenediphenol

Hazard statements (CLP) : H302 - Harmful if swallowed
H311 - Toxic in contact with skin
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H336 - May cause drowsiness or dizziness
H341 - Suspected of causing genetic defects
H361 - Suspected of damaging fertility
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP) : P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P260 - Do not breathe vapours
P264 - Wash hands, forearms and face thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
3-aminomethyl-3,5,5-trimethylcyclohexylamine	(CAS No) 2855-13-2 (EC no) 220-666-8 (EC index no) 612-067-00-9 (REACH-no) 01-2119514687-32	>= 50	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Chronic 3, H412
2,2'-iminodiethylamine, diethylenetriamine	(CAS No) 111-40-0 (EC no) 203-865-4 (EC index no) 612-058-00-X (REACH-no) 01-2119473793-27	10 - 25	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 Skin Sens. 1, H317 STOT SE 3, H336
bisphenol A, 4,4'-isopropylidenediphenol	(CAS No) 80-05-7 (EC no) 201-245-8 (EC index no) 604-030-00-0 (REACH-no) 01-9119457856-23	5 - 25	Eye Dam. 1, H318 Skin Sens. 1, H317 Repr. 2, H361f STOT SE 3, H335 Aquatic Chronic 2, H411
Propylene glycol diamine, 2-amino-, diether with Propylene	(CAS No) 9046-10-0 (EC no) 618-561-0 (REACH-no) 01-2119557899-12	10 - 25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Phenol	(CAS No) 108-95-2 (EC no) 203-632-7 (EC index no) 604-001-00-2 (REACH-no) 01-2119471329-32	1 - 5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Corr. 1B, H314 Muta. 2, H341 STOT RE 2, H373
3,6-diazaoctanethylenediamin, triethylenetetramine	(CAS No) 112-24-3 (EC no) 203-950-6 (EC index no) 612-059-00-5 (REACH-no) 01-2119487919-13	1 - 5	Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Chronic 3, H412

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Phenol	(CAS No) 108-95-2 (EC no) 203-632-7 (EC index no) 604-001-00-2 (REACH-no) 01-2119471329-32	(1 =<C < 3) Skin Irrit. 2, H315 (1 =<C < 3) Eye Irrit. 2, H319 (C >= 3) Skin Corr. 1B, H314

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation	:	Move the affected person away from the contaminated area and into the fresh air. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	:	Do not induce vomiting. Get immediate medical advice/attention.

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

Symptoms/injuries	:	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	:	None under normal use.
Symptoms/injuries after skin contact	:	May cause an allergic skin reaction. May cause moderate irritation.
Symptoms/injuries after eye contact	:	May cause slight irritation.
Symptoms/injuries after ingestion	:	None under normal use.
Symptoms/injuries upon intravenous administration	:	None under normal use.
Chronic symptoms	:	Skin irritation, dermatitis and sensitisation.

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	:	Carbon dioxide. Dry powder. Foam. Water spray.
Unsuitable extinguishing media	:	Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	:	None under normal use.
Explosion hazard	:	None under normal use.
Hazardous decomposition products in case of fire	:	Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire	:	Evacuate area.
Firefighting instructions	:	Exercise caution when fighting any chemical fire.
Protection during firefighting	:	Self-contained breathing apparatus.
Other information	:	Collect contaminated fire fighting water seperately. It must not enter drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	:	Protective clothing.

6.1.2. For emergency responders

Emergency procedures	:	Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment	:	Collect spillage.
Methods for cleaning up	:	Recover mechanically the product. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Ensure good ventilation of the work station.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	Keep container closed when not in use. Keep cool. Protect from sunlight.

Storage temperature	:	≤ 30 °C
Storage area	:	Store away from heat. Store in a well-ventilated place.
Special rules on packaging	:	Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Phenol (108-95-2)		
EU	IOELV TWA (mg/m³)	8 mg/m³
EU	IOELV TWA (ppm)	2 ppm
EU	IOELV STEL (mg/m³)	16 mg/m³
EU	IOELV STEL (ppm)	4 ppm
United Kingdom	Local name	Phenol
United Kingdom	WEL TWA (mg/m³)	7.8 mg/m³
United Kingdom	WEL TWA (ppm)	2 ppm
United Kingdom	WEL STEL (mg/m³)	16 mg/m³
United Kingdom	WEL STEL (ppm)	4 ppm
United Kingdom	Remark (WEL)	Sk
2,2'-iminodiethylamine, diethylenetriamine (111-40-0)		
United Kingdom	Local name	2,2'-Iminodi(ethylamine)
United Kingdom	WEL TWA (mg/m³)	4.3 mg/m³
United Kingdom	WEL TWA (ppm)	1 ppm
United Kingdom	WEL STEL (mg/m³)	12.9 mg/m³ (calculated)
United Kingdom	WEL STEL (ppm)	3 ppm (calculated)
United Kingdom	Remark (WEL)	Sk
bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)		
EU	Local name	Bisphenol A (inhalable dust)
EU	IOELV TWA (mg/m³)	10 mg/m³ (inhalable dust)
United Kingdom	Local name	Bisphenol A : inhalable dust
United Kingdom	WEL TWA (mg/m³)	10 mg/m³ (inhalable dust)
United Kingdom	WEL STEL (mg/m³)	30 mg/m³ (inhalable dust)

8.2. Exposure controls

Appropriate engineering controls	:	Ensure good ventilation of the work station.
Personal protective equipment	:	Gloves. Protective clothing. Safety glasses.
Hand protection	:	Protective gloves
Eye protection	:	Safety glasses

Environmental exposure controls	:	Avoid release to the environment.
Other information	:	Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Yellow.
Odour	:	Amine-like.
Odour threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	Not applicable.
Freezing point	:	No data available

Boiling point	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Density	:	0.968 g/cm³
Solubility	:	No data available
Log Pow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	106 cP
Explosive properties	:	Product is not explosive.
Oxidising properties	:	No data available
Explosive limits	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Product is not explosive.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

No additional information available

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 toxicological effects

Acute toxicity : Oral: Harmful if swallowed. Dermal: Toxic in contact with skin.

ATE CLP (oral)	632.855 mg/kg bodyweight
ATE CLP (dermal)	933.947 mg/kg bodyweight

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
LD50 oral rat	1030 mg/kg

Phenol (108-95-2)	
LD50 oral rat	340 mg/kg
LD50 dermal rabbit	630 mg/kg

3,6-diazaoctanethylenediamin, triethylenetetramine (112-24-3)	
LD50 oral rat	2500 mg/kg
LD50 dermal rabbit	550 mg/kg

Propylene glycol diamine, 2-amino-, diether with Propylene (9046-10-0)	
LD50 oral rat	242 mg/kg
LD50 oral	2885 mg/kg
LD50 dermal rabbit	2980 mg/kg

2,2'-iminodiethylamine, diethylenetriamine (111-40-0)	
LD50 oral rat	1080 mg/kg
LD50 dermal rabbit	672 mg/kg

bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)	
LD50 oral rat	3300 mg/kg

bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)	
LD50 dermal rabbit	3 ml/kg
LC50 inhalation rat (mg/l)	> 0.17 mg/l (Exposure time: 6 h)

Skin corrosion/irritation : Causes severe skin burns and eye damage.
Serious eye damage/irritation : Serious eye damage, category 1, implicit
Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Suspected of causing genetic defects.
Carcinogenicity : Not classified
Reproductive toxicity : Suspected of damaging fertility.
Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified

SP 106 SLOWHARDENER	
Viscosity, kinematic	109.50413223 mm²/s

SECTION 12: Ecological information

12.1. Toxicity

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
EC50 Daphnia 1	14.6 - 21.5 mg/l (Exposure time: 48 h - Species: Daphnia magna [semi-static])
EC50 72h algae (1)	37 mg/l (Species: Desmodesmus subspicatus)

Phenol (108-95-2)	
LC50 fish 1	11.9 - 50.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	20.5 - 25.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	4.24 - 10.7 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 Daphnia 2	10.2 - 15.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae (1)	187 - 279 mg/l (Species: Desmodesmus subspicatus [static])
EC50 96h algae (1)	46.42 mg/l (Species: Pseudokirchneriella subcapitata)
EC50 96h algae (2)	0.0188 - 0.1044 mg/l (Species: Pseudokirchneriella subcapitata [static])

3,6-diazaoctanethylenediamin, triethylenetetramine (112-24-3)	
LC50 fish 1	570 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])
LC50 fish 2	495 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	31.1 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae (1)	2.5 mg/l (Species: Desmodesmus subspicatus)
EC50 72h algae (2)	20 mg/l (Species: Pseudokirchneriella subcapitata)
EC50 96h algae (1)	3.7 mg/l (Species: Pseudokirchneriella subcapitata)

2,2'-iminodiethylamine, diethylenetriamine (111-40-0)	
LC50 fish 1	248 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])
LC50 fish 2	1014 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])
EC50 Daphnia 1	16 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h algae (1)	1164 mg/l (Species: Pseudokirchneriella subcapitata)
EC50 96h algae (1)	345.6 mg/l (Species: Pseudokirchneriella subcapitata)
EC50 96h algae (2)	592 mg/l (Species: Desmodesmus subspicatus)

bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)	
LC50 fish 1	3.6 - 5.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	4.0 - 5.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	10.2 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Daphnia 2	3.9 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 96h algae (1)	2.5 mg/l (Species: Pseudokirchneriella subcapitata)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
Log Pow	0.79 (at 23 °C)

Phenol (108-95-2)	
BCF fish 1	(no significant bioaccumulation)
Log Pow	1.47

3,6-diazaoctanethylenediamin, triethylenetetramine (112-24-3)	
BCF fish 1	(no bioaccumulation expected)
Log Pow	-1.4

2,2'-iminodiethylamine, diethylenetriamine (111-40-0)	
BCF fish 1	0.3 - 1.7
Log Pow	-1.3

bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)	
BCF fish 1	5.1 - 13.8
Log Pow	2.2

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Waste disposal recommendations : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

European List of Waste (LoW) code : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : 2735

UN-No. (IMDG) : 2735

UN-No. (IATA) : 2735

14.2. UN proper shipping name

Proper Shipping Name (ADR) : POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Proper Shipping Name (IMDG) : POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Proper Shipping Name (IATA) : Polyamines, liquid, corrosive, n.o.s.

Transport document description (ADR) : UN 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine ; 2,2'-iminodiethylamine, diethylenetriamine), 8, II, (E)

Transport document description (IMDG) : UN 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine ; 2,2'-iminodiethylamine, diethylenetriamine), 8, II

Transport document description (IATA) : UN 2735 Polyamines, liquid, corrosive, n.o.s., 8, II

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 8

Danger labels (ADR) : 8

:

IMDG

Transport hazard class(es) (IMDG) : 8

Danger labels (IMDG) : 8

:

IATA

Transport hazard class(es) (IATA) : 8

Hazard labels (IATA) : 8

:

14.4. Packing group

Packing group (ADR) : II

Packing group (IMDG) : II

Packing group (IATA) : II

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : C7

Special provisions (ADR) : 274

Limited quantities (ADR) : 1l

Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001, IBC02

Mixed packing provisions (ADR) : MP15

Portable tank and bulk container instructions (ADR) : T11

Portable tank and bulk container special provisions (ADR) : TP1, TP27

Tank code (ADR) : L4BN

Vehicle for tank carriage : AT

Transport category (ADR) : 2

Hazard identification number (Kemler No.) : 80

Orange plates :

Tunnel restriction code (ADR) : E

EAC code : 2X

APP code : B

- Transport by sea

Special provisions (IMDG) : 274

Limited quantities (IMDG) : 1 L

Excepted quantities (IMDG) : E2

Packing instructions (IMDG) : P001

IBC packing instructions (IMDG) : IBC02

Tank instructions (IMDG) : T11

Tank special provisions (IMDG) : TP1, TP27

EmS-No. (Fire)	:	F-A
EmS-No. (Spillage)	:	S-B
Stowage category (IMDG)	:	A
Properties and observations (IMDG)	:	Colourless to yellowish liquids or solutions with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Reacts violently with acids. Cause burns to skin, eyes and mucous membranes.

- Air transport

PCA Excepted quantities (IATA)	:	E2
PCA Limited quantities (IATA)	:	Y840
PCA limited quantity max net quantity (IATA)	:	0.5L
PCA packing instructions (IATA)	:	851
PCA max net quantity (IATA)	:	1L
CAO packing instructions (IATA)	:	855
CAO max net quantity (IATA)	:	30L
Special provisions (IATA)	:	A3
ERG code (IATA)	:	8L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Muta. 2	Germ cell mutagenicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Sens. 1	Sensitisation — Skin, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H331	Toxic if inhaled

H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H341	Suspected of causing genetic defects
H361	Suspected of damaging fertility or the unborn child
H361f	Suspected of damaging fertility
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

SDS EU (REACH Annex II)

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