

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

#### 1.1 Product identifier

Trade name : Everbuild Stick2 Rapid Epoxy Syringe/Tube Resin (A) **1.2 Relevant identified uses of the substance or mixture and uses advised against** 

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

Company	:	Everbuild – A Sika Company Site 41 Knowsthorpe Way Cross Green Industrial Estate Leeds West Yorkshire LS9 0SW United Kingdom
Telephone	:	0113 240 3456
E-mail address	:	everbuild.sds@uk.sika.com

#### **1.4 Emergency telephone number**

Emergency telephone num-	:	0044 113 240 3456 (office hours only)
ber		

# **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Type of product : Mixture					
Classification (REGULATION (EC) No 1272/2008)					
Skin irritation, Category 2	H315: Causes skin irritation.				
Eye irritation, Category 2	H319: Causes serious eye irritation.				
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.				
Chronic aquatic toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects.				

# 2.2 Label elements

## Labelling (REGULATION (EC) No 1272/2008)



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Hazard statements : H315 Causes skin irritation. H317 May cause an allergic skin reaction. Causes serious eye irritation. H319 Toxic to aquatic life with long lasting effects. H411 If medical advice is needed, have product Precautionary statements : P101 container or label at hand. P102 Keep out of reach of children. Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P273 Avoid release to the environment. P280 Wear protective gloves/ eye protection/ face protection. **Disposal:** Dispose of contents/container in accord-P501 ance with local regulation.

Hazardous components which must be listed on the label:

500-033-5 reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight  $\leq 700$ )

# **Additional Labelling:**

Contains epoxy constituents. May produce an allergic reaction. EUH205

## 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

## Hazardous components

Chemical name CAS-No. EC-No.	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Registration numberreaction product: bisphenol-A-(epichlorhydrin) and epoxyresin (number average molecular weight <= 700)	Eye Irrit.2; H319 Skin Irrit.2; H315 Skin Sens.1; H317 Aquatic Chronic2; H411	>=80

For the full text of the H-Statements mentioned in this Section, see Section 16.

# **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

General advice	: Move out of dangerous area.	
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	Consult a physician. Show this safety data sheet to the doctor in a	attendance.
If inhaled	: Move to fresh air. Consult a physician after significant exposure	<b>)</b> .
In case of skin contact	<ul> <li>Take off contaminated clothing and shoes im Wash off with soap and plenty of water.</li> <li>If symptoms persist, call a physician.</li> </ul>	mediately.
In case of eye contact	<ul> <li>Immediately flush eye(s) with plenty of water.</li> <li>Remove contact lenses.</li> <li>Keep eye wide open while rinsing.</li> <li>If eye irritation persists, consult a specialist.</li> </ul>	
If swallowed	<ul> <li>Do not induce vomiting without medical advic Rinse mouth with water.</li> <li>Do not give milk or alcoholic beverages.</li> <li>Never give anything by mouth to an unconsc</li> </ul>	
4.2 Most important symptoms and	effects, both acute and delayed	
Symptoms	: Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information and symptoms.	on health effects
Risks	: irritant effects sensitising effects	
	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.	
4.3 Indication of any immediate me	edical attention and special treatment neede	d
Treatment	: Treat symptomatically.	
SECTION 5: Firefighting measu	res	
5.1 Extinguishing media		

Suitable extinguishing media		xtinguishing measures that are appropriate to local cir- ances and the surrounding environment.
5.2 Special hazards arising from	e subst	ance or mixture
Specific hazards during fire- fighting	: Do no course	t allow run-off from fire fighting to enter drains or water es.
Hazardous combustion prod- ucts	: No ha	zardous combustion products are known



## 5.3 Advice for firefighters

Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus.
Further information	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contam- inated fire extinguishing water must be disposed of in accord- ance with local regulations.

# **SECTION 6:** Accidental release measures

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

Personal precautions	:	Use personal protective equipment.
		Deny access to unprotected persons.

6.2 Environmental precautions	
Environmental precautions	: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

## 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel,
		acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

# 6.4 Reference to other sections

For personal protection see section 8.

## **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Advice on safe handling	: Do not breathe vapours or spray mist. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products	
Advice on protection against fire and explosion	: Normal measures for preventive fire protection.	
Hygiene measures	: Handle in accordance with good industrial hygiene and safety	
Country GB 100000012919	4 /	/



practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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

Requirements for storage areas and containers	: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re- sealed and kept upright to prevent leakage. Store in accord- ance with local regulations.	
Other data	: No decomposition if stored and applied as directed.	
7.3 Specific end use(s) Specific use(s)	: No data available	

# **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

# 8.2 Exposure controls

Personal protective equipmer	t
Eye protection	: Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection	: Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications.
	Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (0,4 mm), Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection	: Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
Respiratory protection	: No special measures required.



#### **Environmental exposure controls**

: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

# **SECTION 9: Physical and chemical properties**

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9.1 Information on basic physica Appearance	il ar :	nd chemical properties liquid
Colour	:	yellow
Odour	:	irritating
Odour Threshold	:	No data available
Flash point	:	> 150 °C
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Lower explosion limit (Vol-%)	:	No data available
Upper explosion limit (Vol-%)	:	No data available
Flammability	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
рН	:	No data available
Melting point/range / Freez-	:	No data available
ing point Boiling point/boiling range	:	No data available
Vapour pressure	:	0,01 hPa
Density	:	ca.1,16 g/cm3 at 20 °C
Water solubility	:	insoluble
Partition coefficient: n-	:	No data available
octanol/water Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	< 20,5 mm2/s at  40 °C
Relative vapour density	:	No data available
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Evaporation rate : No data available

# 9.2 Other information

No data available

# **SECTION 10: Stability and reactivity**

#### **10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

## 10.2 Chemical stability

The product is chemically stable.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

#### 10.4 Conditions to avoid

Conditions to avoid : N	o data available
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#### 10.5 Incompatible materials

Materials to avoid	: Oxidizing agents
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## **10.6 Hazardous decomposition products**

# **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

<u>Components:</u>		
reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700):		
Acute oral toxicity	: LD50 Oral (Rat): > 5.000 mg/kg	
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 20.000 mg/kg	
Skin corrosion/irritation Causes skin irritation.		
Serious eye damage/eye irritation		
Causes serious eye irritation.		
Respiratory or skin sensitisation		
Skin sensitisation: May cause an allergic skin reaction.		

Respiratory sensitisation: Not classified based on available information.

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**Germ cell mutagenicity** Not classified based on available information.

## Carcinogenicity

Not classified based on available information.

# **Reproductive toxicity**

Not classified based on available information.

## STOT - single exposure

Not classified based on available information.

## STOT - repeated exposure

Not classified based on available information.

#### Aspiration toxicity

Not classified based on available information.

# **SECTION 12: Ecological information**

## 12.1 Toxicity

#### Components:

reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight <= 700) :

Toxicity to fish : L	_C50: 2 mg/l, 96 h, Onc	corhynchus mykiss (rainbow trout)
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Toxicity to daphnia and other : EC50: 1,8 mg/l, 48 h, Daphnia magna (Water flea) aquatic invertebrates

## 12.2 Persistence and degradability

No data available

## 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:

Additional ecological infor-	: An environmental hazard cannot be excluded in the event of
mation	unprofessional handling or disposal.
	Toxic to aquatic life with long lasting effects.



# **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product	:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Contaminated pac	ckaging :	15 01 10* packaging containing residues of or contaminated by dangerous substances

# **SECTION 14: Transport information**

ADR 14.1 UN number 14.2 UN proper shipping name 14.3 Transport hazard	<ul> <li>3082</li> <li>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction product: bisphenol A-(epichlorhydrin) epoxy resin (number average molecular weight &gt; 1100))</li> <li>9</li> </ul>	
class(es) 14.4 Packing group	: 111	
Classification Code	: M6	
Labels	: 9	
Tunnel restriction code	: (-)	
14.5 Environmental hazards	: yes	
IATA 14.1 UN number 14.2 UN proper shipping name 14.3 Transport hazard class(es)	<ul> <li>3082</li> <li>Environmentally hazardous substance, liquid, n.o.s. (reaction product: bisphenol A-(epichlorhydrin) epoxy resin (number average molecular weight &gt; 1100))</li> <li>9</li> </ul>	
14.4 Packing group	: 111	
Labels	: 9	
14.5 Environmental hazards	: yes	
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IMDG	
14.1 UN number	: 3082
14.2 UN proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
	(reaction product: bisphenol A-(epichlorhydrin) epoxy resin (number average molecular weight > 1100))
14.3 Class	: 9
14.4 Packing group	: 111
Labels	: 9
EmS Number 1	: F-A
EmS Number 2	: S-F
14.5 Marine pollutant	: no

# 14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable

# **SECTION 15: Regulatory information**

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

<b>Prohibition/Restriction</b> REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)			Not applicable	
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).			None of the component => 0.1 %).	nts are listed
REACH - List of substances subject to authorisation (Annex XIV)		: N	Not applicable	
REACH Information: All substances containe - preregistered or regist - preregistered or regist - excluded from the reg - exempted from the reg		ered ered ulatic	by our upstream sup by us, and/or on, and/or	pliers, and/or
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of ma jor-accident hazards involving dangerous substances.				
E2	ENVIRONMENTAL HAZARDS		Quantity 1 200 t	Quantity 2 500 t
VOC-CH (VOCV) : no VOC duties				



If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environ- mental regulation/legislation specific for the substance or mixture:	<ul> <li>Environmental Protection Act 1990 &amp; Subsidiary Regulations Health and Safety at Work Act 1974 &amp; Subsidiary Regulations Control of Substances Hazardous to Health Regulations (COSHH) May be subject to the Control of Major Accident Hazards Regulations (COMAH) and amendments</li> </ul>
	Regulations (COMAH), and amendments.

#### 15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

# **SECTION 16: Other information**

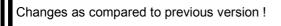
Full text of H-Statements			
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H319	Causes serious eye irritation.		
H411	Toxic to aquatic life with long lasting effects.		

#### Full text of other abbreviations

Aquatic Chronic Eye Irrit. Skin Irrit. Skin Sens. ADR	Chronic aquatic toxicity Eye irritation Skin irritation Skin sensitisation Accord européen relatif au transport international des marchandises Dangereuses par Route
CAS	Chemical Abstracts Service
DNEL	Derived no-effect level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LD50	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted no effect concentration
REACH	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC vPvB	Substances of Very High Concern Very persistent and very bioaccumulative



The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.



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

#### **1.1 Product identifier**

Trade name : Everbuild Stick2 Rapid Epoxy Syringe/Tube Hardener (B) 1.2 Relevant identified uses of the substance or mixture and uses advised against

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

Company	:	Everbuild – A Sika Company Site 41 Knowsthorpe Way Cross Green Industrial Estate Leeds West Yorkshire LS9 0SW United Kingdom
Telephone	:	0113 240 3456
E-mail address	:	everbuild.sds@uk.sika.com

#### 1.4 Emergency telephone number

Emergency telephone num-	:	0044 113 240 3456 (office hours only)
ber		

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Type of product : Mixture

# Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Chronic aquatic toxicity, Category 3	H412: Harmful to aquatic life with long lasting ef-
	fects.

## 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms		
Signal word	: Warning	
Hazard statements	: H315 H317 H319	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

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H412	Harmful to aquatic life with long lasting ef- fects.
: P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
Prevention:	•
P261	Avoid breathing dust/ fume/ gas/ mist/ va- pours/ spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/ eye protection/ face protection.
Disposal:	·
P501	Dispose of contents/container in accord- ance with local regulation.
	<ul> <li>P101</li> <li>P102</li> <li>Prevention:</li> <li>P261</li> <li>P273</li> <li>P280</li> <li>Disposal:</li> </ul>

Hazardous components which must be listed on the label:

• 202-013-9 2,4,6-tris(dimethylaminomethyl)phenol

# 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

## Hazardous components

Chemical name CAS-No.	Classification (REGULATION (EC)	Concentration [%]
EC-No. Registration number	No 1272/2008)	
polymer of:1,2,3-trichloropropane and 1,1`-[methylenebis (oxy)]bis(2-chloroethane) reduce with:sodiumsulfide 68611-50-7	Aquatic Chronic3; H412	>= 60 - < 80
2,4,6-tris(dimethylaminomethyl)phenol 90-72-2 202-013-9 01-2119560597-27-XXXX Contains: bis[(dimethylamino)methyl]phenol <= 15 %	Skin Sens.1B; H317 1C; H314 Aquatic Chronic3; H412 Acute Tox.4; H302 1; H318	>= 1 - < 2,5

For the full text of the H-Statements mentioned in this Section, see Section 16.

# **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

General advice

: Move out of dangerous area. Consult a physician. SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006





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	Show this safety data sheet to the doctor in a	attendance.
If inhaled	: Move to fresh air. Consult a physician after significant exposur	е.
In case of skin contact	: Take off contaminated clothing and shoes in Wash off with soap and plenty of water. If symptoms persist, call a physician.	nmediately.
In case of eye contact	<ul> <li>Immediately flush eye(s) with plenty of water Remove contact lenses.</li> <li>Keep eye wide open while rinsing.</li> <li>If eye irritation persists, consult a specialist.</li> </ul>	
If swallowed	<ul> <li>Do not induce vomiting without medical advised Rinse mouth with water.</li> <li>Do not give milk or alcoholic beverages.</li> <li>Never give anything by mouth to an unconservational sectors.</li> </ul>	
4.2 Most important symptoms and	effects, both acute and delayed	
Symptoms	: Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information and symptoms.	n on health effects
Risks	: irritant effects sensitising effects	
	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.	
4.3 Indication of any immediate me	edical attention and special treatment neede	d
Treatment	: Treat symptomatically.	
SECTION 5: Firefighting measu	ires	
5.1 Extinguishing media		
Suitable extinguishing media	: Use extinguishing measures that are approp cumstances and the surrounding environment	
5.2 Special hazards arising from the	ne substance or mixture	
Hazardous combustion prod- ucts	: No hazardous combustion products are know	wn

# 5.3 Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus. for firefighters

Further information : Standard procedure for chemical fires.

#### **SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	: Use personal protective equipment.
	Deny access to unprotected persons.

#### 6.2 Environmental precautions

Environmental precautions	:	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

## 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel,
	acid binder, universal binder, sawdust).
	Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For personal protection see section 8.

## **SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

Advice on safe handling	:	Do not breathe vapours or spray mist. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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

Requirements for storage	: Keep container tightly closed in a dry and well-ventilated	
Country GB 100000012920		

# SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006 Everbuild Stick2 Rapid Epoxy Syringe/Tube Hardener (B) Revision Date 05.03.2017 Version 0.0 areas and containers place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations. Other data : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

Specific use(s)

: No data available

# **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

## 8.2 Exposure controls

Personal protective equipment			
Eye protection	: Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water		
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.		
	Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (0,4 mm), Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.		
Skin and body protection	: Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.		
Respiratory protection	: No special measures required.		
Environmental exposure controls			
General advice	: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.		



# **SECTION 9: Physical and chemical properties**

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

Information on basic physical Appearance	ar :	liquid
Colour	:	yellow
Odour	:	unpleasant
Odour Threshold	:	No data available
Flash point	:	> 93 °C
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
Lower explosion limit (Vol-%)	:	No data available
Upper explosion limit (Vol-%)	:	No data available
Flammability	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
рН	:	No data available
Melting point/range / Freez-	:	No data available
ing point Boiling point/boiling range	:	No data available
Vapour pressure	:	0,01 hPa
Density	:	ca.1,15 g/cm3 at 20 °C
Water solubility	:	soluble
Partition coefficient: n- octanol/water	:	No data available
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	< 7 mm2/s at  40 °C
Relative vapour density	:	No data available
Evaporation rate	:	No data available

# 9.2 Other information

No data available



## **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

The product is chemically stable.

#### 10.3 Possibility of hazardous reactions

 Hazardous reactions
 : Stable under recommended storage conditions.

 10.4 Conditions to avoid
 : No data available

 Conditions to avoid
 : No data available

 10.5 Incompatible materials
 : No data available

 Materials to avoid
 : No data available

## 10.6 Hazardous decomposition products

## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction. Respiratory sensitisation: Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

Not classified based on available information.

#### STOT - repeated exposure

Not classified based on available information.

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## Aspiration toxicity

Not classified based on available information.

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

## **Components:**

#### 2,4,6-tris(dimethylaminomethyl)phenol:

Toxicity to algae

: EC50: > 10 - 100 mg/l, 72 h, Scenedesmus capricornutum (fresh water algae)

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

Produc	t:

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:

Additional ecological infor-	: An environmental hazard cannot be excluded in the event of
mation	unprofessional handling or disposal.
	Harmful to aquatic life with long lasting effects.

# **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product	<ul> <li>The generation of waste should be avoided or minimized wherever possible.</li> <li>Empty containers or liners may retain some product residues.</li> <li>This material and its container must be disposed of in a safe way.</li> <li>Dispose of surplus and non-recyclable products via a licensed</li> </ul>
	Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.



	Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Contaminated packaging	<ul> <li>15 01 10* packaging containing residues of or contaminated by dangerous substances</li> </ul>

# **SECTION 14: Transport information**

ADR Not dangerous goods ΙΑΤΑ Not dangerous goods IMDG Not dangerous goods

Revision Date 05.03.2017

14.6 Special precautions for user No data available

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

<b>Prohibition/Restriction</b> REACH - Restrictions on the mathematic market and use of certain date preparations and articles (Anne	: Not applicable	
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).		: None of the components are listed (=> 0.1 %).
REACH - List of substances subject to authorisation (Annex XIV)		: Not applicable
REACH Information:		gulation, and/or
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of ma- jor-accident hazards involving dangerous substances. Not applicable		

VOC-CH (VOCV) : no VOC duties Country GB 100000012920 9/11 VOC-EU (solvent) : Not applicable

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environ- mental regulation/legislation	: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002
specific for the substance or	Control of Substances Hazardous to Health Regulations 2002
mixture:	The Management of Health and Safety at Work Regulations
	1999
	Health and Safety at Work Act 1974
	Environmental Protection Act 1990 & Subsidiary Regulations

#### 15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

#### **SECTION 16: Other information**

#### Full text of H-Statements

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox.	Acute toxicity
Aquatic Chronic	Chronic aquatic toxicity
Skin Sens.	Skin sensitisation
ADR	Accord européen relatif au transport international des marchandises
	Dangereuses par Route
CAS	Chemical Abstracts Service
DNEL	Derived no-effect level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LD50	Median lethal dosis (the amount of a material, given all at once, which
	causes the death of 50% (one half) of a group of test animals)
LC50	Median lethal concentration (concentrations of the chemical in air that
	kills 50% of the test animals during the observation period)
MARPOL	International Convention for the Prevention of Pollution from Ships,
	1973 as modified by the Protocol of 1978
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted no effect concentration
REACH	Regulation (EC) No 1907/2006 of the European Parliament and of the
	Council of 18 December 2006 concerning the Registration, Evaluation,





Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency Substances of Very High Concern Very persistent and very bioaccumulative

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

SVHC

vPvB