

Date of last issue: 14.12.2023	Version 5.10	Print Date 29.02.2024
Revision Date: 26.01.2024		

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

#### 1.1 Product identifier

Trade name : Casco PaintFlex

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

Product use : Sealant/adhesive

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

Company name of supplier	:	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ
Telephone Telefax	:	+44 (0)1707 394444 +44 (0)1707 329129
E-mail address of person responsible for the SDS	:	EHS@uk.sika.com

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

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

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

#### 2.1 Classification of the substance or mixture

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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### 2.2 Label elements

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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### **Additional Labelling**

EUH208	Contains 1,2-benzisothiazol-3(2H)-one (BIT), 2-octyl-2H-isothiazole-3-one (OIT), mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)). May produce an allergic reaction.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.



Date of last issue: 14.12.2023	Version 5.10	Print Date 29.02.2024
Revision Date: 26.01.2024		

### 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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Contains a biocide in order to protect the product. Active ingredient: 1,2-benzisothiazol-3(2H)-one (BIT), 2634-33-5, 2-octyl-2H-isothiazole-3-one (OIT), 26530-20-1, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)), 55965-84-9. Please use treated articles responsibly.

# **SECTION 3: Composition/information on ingredients**

### 3.2 Mixtures

#### Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
distillates (petroleum), hydrotreat-	64742-55-8	Asp. Tox. 1; H304	>= 1 - < 2,5
ed light paraffinic	265-158-7	EUH066	
	01-2119487077-29-		
	XXXX		

Date of last issue: 14.12.2023 Revision Date: 26.01.2024	Version 5.	Print Date 29.02.2024	
1,2-benzisothiazol-3(2H)-one (BIT)	2634-33-5 220-120-9 01-2120761540-60- XXXX	Acute Tox. 4; H302 Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H315 Eye Dam. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 specific concentration limit Skin Sens. 1; H317 >= 0,05 % Acute toxicity esti- mate Acute oral toxicity: 597 mg/kg Acute inhalation tox- icity (dust/mist): 0,4 mg/l	>= 0,0025 - < 0,025



Date of last issue: 14.12.2023 Revision Date: 26.01.2024	Version 5.1	0	Print Date 29.02.2024
2-octyl-2H-isothiazole-3-one (OIT)	26530-20-1 247-761-7 01-2120768921-45- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Skin Corr. 1; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071 	>= 0,0002 - < 0,0015
		100100 M-Factor (Chronic aquatic toxicity): 100100	
		specific concentration limit Skin Sens. 1A; H317 >= 0,0015 %	
		Acute toxicity esti- mate	
		Acute oral toxicity: 125 mg/kg 125 mg/kg Acute inhalation tox- icity (dust/mist): 0,27	
		mg/l 0,27 mg/l Acute dermal toxicity: 311 mg/kg 311 mg/kg	





Version 5.	10	Print Date 29.02.2024
55965-84-9 911-418-6 01-2120764691-48- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071 M-Factor (Acute aquatic toxicity): 100100 M-Factor (Chronic aquatic toxicity): 100100 specific concentration limit Skin Corr. 1C; H314 >= 0,6 % Skin Irrit. 2; H315 0,06 - < 0,6 % Eye Irrit. 2; H319 0,06 - < 0,6 % Skin Sens. 1A; H317 >= 0,0015 % Eye Dam. 1; H318 >= 0,6 %	>= 0,0002 - < 0,0015
	-	
13463-67-7 236-675-5 01-2119489379-17- XXXX		>= 1 - < 2,5
	55965-84-9 911-418-6 01-2120764691-48- XXXX	911-418-6 01-2120764691-48- XXXXAcute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071M-Factor (Acute aquatic toxicity): 100100 M-Factor (Chronic aquatic toxicity): 100100M-Factor (Chronic aquatic toxicity): 100100specific concentration limit Skin Sens. 1A; H317 $-0,6\%$ Skin Irrit. 2; H315 $0,06 - < 0,6\%$ Skin Sens. 1A; H317 $>= 0,0015\%$ Eye Dam. 1; H318 $>= 0,6\%$ soure limit :13463-67-7 236-675-5 01-2119489379-17-

For explanation of abbreviations see section 16.

# **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

General advice	:	No hazards which require special first aid measures.
If inhaled	:	Move to fresh air.
In case of skin contact	:	Take off contaminated clothing and shoes immediately.



evision Date: 26.01.2024		Version 5.10	Print Date 29.02.202
		Wash off with soap and plenty of water.	
In case of eye contact	:	Remove contact lenses. Keep eye wide open while rinsing.	
If swallowed	:	Do not induce vomiting without medical advic Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconsci	
.2 Most important symptoms an	nd e	effects, both acute and delaved	
Symptoms	:	See Section 11 for more detailed information and symptoms.	on health effects
Risks	:	No known significant effects or hazards.	
.3 Indication of any immediate r	neo	dical attention and special treatment needed	ł
Treatment	:	Treat symptomatically.	
<b>.1 Extinguishing media</b> Suitable extinguishing media	:	In case of fire, use water/water spray/water je	t/carbon diox-
	:	In case of fire, use water/water spray/water je ide/sand/foam/alcohol resistant foam/chemica extinction.	
		ide/sand/foam/alcohol resistant foam/chemica extinction.	
Suitable extinguishing media	the	ide/sand/foam/alcohol resistant foam/chemica extinction.	al powder for
Suitable extinguishing media .2 Special hazards arising from Hazardous combustion prod-	the	ide/sand/foam/alcohol resistant foam/chemica extinction.	al powder for
Suitable extinguishing media .2 Special hazards arising from Hazardous combustion prod- ucts	the :	ide/sand/foam/alcohol resistant foam/chemica extinction. e substance or mixture No hazardous combustion products are know	al powder for n
Suitable extinguishing media 2 Special hazards arising from Hazardous combustion prod- ucts 3 Advice for firefighters Special protective equipment	the :	ide/sand/foam/alcohol resistant foam/chemica extinction. e substance or mixture No hazardous combustion products are know	al powder for n
Suitable extinguishing media 2 Special hazards arising from Hazardous combustion prod- ucts 3 Advice for firefighters Special protective equipment for firefighters	the : :	ide/sand/foam/alcohol resistant foam/chemica extinction. e substance or mixture No hazardous combustion products are know In the event of fire, wear self-contained breath Standard procedure for chemical fires.	al powder for n
Suitable extinguishing media 2 Special hazards arising from Hazardous combustion prod- ucts 3 Advice for firefighters Special protective equipment for firefighters Further information ECTION 6: Accidental releas	the : :	ide/sand/foam/alcohol resistant foam/chemica extinction. e substance or mixture No hazardous combustion products are know In the event of fire, wear self-contained breath Standard procedure for chemical fires.	al powder for n
Suitable extinguishing media 2 Special hazards arising from Hazardous combustion prod- ucts 3 Advice for firefighters Special protective equipment for firefighters Further information ECTION 6: Accidental releas	the : :	ide/sand/foam/alcohol resistant foam/chemica extinction. e substance or mixture No hazardous combustion products are know In the event of fire, wear self-contained breath Standard procedure for chemical fires.	al powder for n
Suitable extinguishing media 2 Special hazards arising from Hazardous combustion prod- ucts 3 Advice for firefighters Special protective equipment for firefighters Further information 5 ECTION 6: Accidental releas .1 Personal precautions, protec	the : :	ide/sand/foam/alcohol resistant foam/chemica extinction. e substance or mixture No hazardous combustion products are know In the event of fire, wear self-contained breath Standard procedure for chemical fires. measures e equipment and emergency procedures	al powder for n
Suitable extinguishing media 2 Special hazards arising from Hazardous combustion prod- ucts 3 Advice for firefighters Special protective equipment for firefighters Further information 5 ECTION 6: Accidental releas .1 Personal precautions, protec Personal precautions	the : :	ide/sand/foam/alcohol resistant foam/chemica extinction. e substance or mixture No hazardous combustion products are know In the event of fire, wear self-contained breath Standard procedure for chemical fires. measures e equipment and emergency procedures	al powder for n ning apparatus.



Date of last issue: 14.12.2023 Revision Date: 26.01.2024		Version 5.10	Print Date 29.02.202
6.3 Methods and material for co	ntai	nment and cleaning up	
Methods for cleaning up	:	Wipe up with absorbent material (e.g. o Keep in suitable, closed containers for	
6.4 Reference to other sections			
For personal protection see se	ecti	on 8.	
SECTION 7: Handling and sto	oraç	je	
7.1 Precautions for safe handlin	g		
Advice on safe handling	:	For personal protection see section 8. No special handling advice required. Follow standard hygiene measures who products	en handling chemical
Advice on protection against fire and explosion	:	Normal measures for preventive fire pr	otection.
Hygiene measures	:	When using do not eat or drink. When	using do not smoke.
7.2 Conditions for safe storage,	inc	uding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry a place. Store in accordance with local re	
Advice on common storage	:	No special restrictions on storage with	other products.
Further information on stor- age stability	:	No decomposition if stored and applied	as directed.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Dat use.	a Sheet prior to any

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

### 8.1 Control parameters

### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
Titanium dioxide (> 10 μm)	13463-67-7	TWA (inhalable dust)	10 mg/m3	GB EH40
		TWA (Respirable dust)	4 mg/m3	GB EH40



Date of last issue: 14.12.2023	Version 5.10	Print Date 29.02.2024
Revision Date: 26.01.2024		

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

#### 8.2 Exposure controls

**Engineering measures** 

Maintain air concentrations below Ensure adequate ventilation, esp	w occupational exposure standards. becially in confined areas.
Personal protective equipment	t
Eye/face protection :	Safety glasses
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.
	Butyl rubber/nitrile rubber gloves (> 0,1 mm) Recommended: Butyl rubber/nitrile rubber gloves.
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 additionaly recommended for mixing and stirring work.
Respiratory protection :	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Meth- ods for determining inhalation exposure). This applies in par- ticular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.
Environmental exposure contr	ols

: No special environmental precautions required.

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

### 9.1 Information on basic physical and chemical properties

Physical state Appearance Colour	:	liquid paste white, grey
Odour	:	No data available

General advice



Date of last issue: 14.12.2023 Revision Date: 26.01.2024	Version 5.10	Print Date 29.02.2024
Melting point/range / Freezing point	: No data available	
Boiling point/boiling range	: No data available	
Flammability (solid, gas)	: No data available	
Upper/lower flammability or o	explosive limits	
Upper explosion limit / Up- per flammability limit	: No data available	
Lower explosion limit / Lower flammability limit	: No data available	
Flash point	: Not applicable	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
pH	: 8-9	
Viscosity Viscosity, kinematic	: > 20,5 mm2/s (40 °C)	
<b>Solubility(ies)</b> Water solubility	: No data available	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 23 hPa	
Density	: ca. 1,5 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	9/17



Date of last issue: 14.12.2023	Version 5.10	Print Date 29.02.2024
Revision Date: 26.01.2024		

### 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 : No hazards to be specially mentioned.

#### 10.4 Conditions to avoid

Conditions to avoid	:	No data available
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### 10.5 Incompatible materials

# **10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.

# **SECTION 11: Toxicological information**

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

#### Acute toxicity

Not classified based on available information.

#### **Components:**

### 1,2-benzisothiazol-3(2H)-one (BIT):

Acute oral toxicity : LD50 Oral (Rat): 597 mg/kg

### 2-octyl-2H-isothiazole-3-one (OIT):

Acute oral toxicity	: Acute toxicity estimate: 125 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
	Acute toxicity estimate: 125 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008



Date of last issue: 14.12.2023 Revision Date: 26.01.2024	Version 5.10	Print Date 29.02.2024
Acute inhalation toxicity	: Acute toxicity estimate: 0,27 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate ac No. 1272/2008	cording to Regulation (EC)
	Acute toxicity estimate: 0,27 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate ac No. 1272/2008	cording to Regulation (EC)
Acute dermal toxicity	: Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate ac No. 1272/2008	
	Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate ac No. 1272/2008	
mixture of: 5-chloro-2-metl one [EC no. 220-239-6] (3	yl-4-isothiazolin-3-one [EC no. 247-500-7] I) (C(M)IT/MIT (3:1)):	and 2-methyl-2H-isothiazol-3-
	: Assessment: Corrosive to the resp	viratory tract.
Skin corrosion/irritation Not classified based on av <u>Components:</u>	ilable information.	
	drotreated light paraffinic:	
Assessment	: Repeated exposure may cause sk	in dryness or cracking.
Serious eye damage/eye Not classified based on av		
Respiratory or skin sens	isation	
Skin sensitisation Not classified based on av	ilable information.	
Respiratory sensitisation Not classified based on av	ilable information.	
Components:		
1,2-benzisothiazol-3(2H)·	one (BIT):	
Assessment	: May cause sensitisation by skin co	intact.
Germ cell mutagenicity Not classified based on av	ilable information.	
Country GB 100000014002		11/17



Date of last issue: 14.12.2023 Revision Date: 26.01.2024	Version 5.10	Print Date 29.02.2024
<b>Carcinogenicity</b> Not classified based on available information.		
Reproductive toxicity Not classified based on available information.		
<b>STOT - single exposure</b> Not classified based on available information.		
<b>STOT - repeated exposure</b> Not classified based on available information.		
<b>Aspiration toxicity</b> Not classified based on available information.		
11.2 Information on other hazards		
Endocrine disrupting properties		
Product: Assessment : The substa	nce/mixture does not contain compor	nents consid-

- Assessment
- The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# **SECTION 12: Ecological information**

# 12.1 Toxicity

### Components:

# 1,2-benzisothiazol-3(2H)-one (BIT):

Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): 3 mg/l Exposure time: 48 h
2-octyl-2H-isothiazole-3-one	(0	IT):
M-Factor (Acute aquatic tox- icity)	:	100
		100
M-Factor (Chronic aquatic toxicity)	:	100
		100

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)):



Date of last issue: 14.12.2023 Revision Date: 26.01.2024		Version 5.10	Print Date 29.02.202
M-Factor (Acute aquatic tox- icity)	:	100	
		100	
M-Factor (Chronic aquatic toxicity)	:	100	
		100	
<b>12.2 Persistence and degradabil</b> i No data available	ity		
<b>12.3 Bioaccumulative potential</b> No data available			
<b>12.4 Mobility in soil</b> No data available			
12.5 Results of PBT and vPvB as	sse	ssment	
Product: Assessment	:	This substance/mixture contains no compon to be either persistent, bioaccumulative and very persistent and very bioaccumulative (vF 0.1% or higher	toxic (PBT), or
12.6 Endocrine disrupting prope	rtie	S	
Product: Assessment	:	The substance/mixture does not contain con ered to have endocrine disrupting properties REACH Article 57(f) or Commission Delegat (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	according to ted regulation
12.7 Other adverse effects			
Product: Additional ecological infor- mation	:	There is no data available for this product.	



Date of last issue: 14.12.2023 Revision Date: 26.01.2024	Version 5.10	Print Date 29.02.2024
	This material and its container must be way. Dispose of surplus and non-recyclable waste disposal contractor. Disposal of this product, solutions and a at all times comply with the requiremen protection and waste disposal legislatio local authority requirements. Avoid dispersal of spilled material and r soil, waterways, drains and sewers.	products via a licensed any by-products should ts of environmental m and any regional
European Waste Catalogue	: 08 04 10 waste adhesives and sealant mentioned in 08 04 09	s other than those

# **SECTION 14: Transport information**

# 14.1 UN number or ID number

	ADR	:	Not regulated as a dangerous good	
	IMDG	:	Not regulated as a dangerous good	
	ΙΑΤΑ	:	Not regulated as a dangerous good	
14.2	2 UN proper shipping name			
	ADR	:	Not regulated as a dangerous good	
	IMDG	:	Not regulated as a dangerous good	
	ΙΑΤΑ	:	Not regulated as a dangerous good	
14.3 Transport hazard class(es)				
	ADR	:	Not regulated as a dangerous good	
	IMDG	:	Not regulated as a dangerous good	
	ΙΑΤΑ	:	Not regulated as a dangerous good	
14.4	4 Packing group			
	ADR	:	Not regulated as a dangerous good	
	IMDG	:	Not regulated as a dangerous good	
	IATA (Cargo)	:	Not regulated as a dangerous good	
	IATA (Passenger)	:	Not regulated as a dangerous good	
14.5 Environmental hazards				
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Not regulated as a dangerous good

# 14.6 Special precautions for user Not applicable



Date of last issue: 14.12.2023	Version 5.10	Print Date 29.02.2024
Revision Date: 26.01.2024		

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

Not applicable for product as supplied.

# **SECTION 15: Regulatory information**

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

Relevant EU provisions transposed through retained EU law

UK REACH Candidate list of substa concern (SVHC) for Authorisation	nces of very high :	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)		Not applicable
International Chemical Weapons Co Schedules of Toxic Chemicals and F		Not applicable
Regulation (EC) No 1005/2009 on s plete the ozone layer	substances that de- :	Not applicable
UK REACH List of substances subje (Annex XIV)	ect to authorisation :	Not applicable
GB Export and import of hazardous chemicals - Prior : Not applicable Informed Consent (PIC) Regulation		
(\ V	VOCV)	or volatile organic compounds ds (VOC) content: < 0% w/w
e	missions (integrated poll	4 November 2010 on industrial ution prevention and control) ds (VOC) content: < 0% w/w

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-	: Environmental Protection Act 1990 & Subsidiary Regulations
mental regulation/legislation	Health and Safety at Work Act 1974 & Subsidiary Regulations
specific for the substance or mixture:	Control of Substances Hazardous to Health Regulations (COSHH)



Date of last issue: 14.12.2023	Version 5.10	Print Date 29.02.2024
Revision Date: 26.01.2024		

May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

# 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

# **SECTION 16: Other information**

#### **Full text of H-Statements**

H301 H302 H304 H310 H311 H314 H315 H317 H318 H330 H400 H410		Toxic if swallowed. Harmful if swallowed. May be fatal if swallowed and enters airways. Fatal in contact with skin. Toxic in contact with skin. Causes severe skin burns and eye damage. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Fatal if inhaled. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
Full text of other abbreviat	tions	
Acute Tox. Aquatic Acute Aquatic Chronic Asp. Tox. Eye Dam. Skin Corr. Skin Corr. Skin Irrit. Skin Sens. GB EH40 GB EH40 / TWA ADR		Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Aspiration hazard Serious eye damage Skin corrosion Skin irritation Skin sensitisation UK. EH40 WEL - Workplace Exposure Limits Long-term exposure limit (8-hour TWA reference period) European Agreement concerning the International Carriage of
CAS DNEL EC50 GHS IATA IMDG LD50		Dangerous Goods by Road Chemical Abstracts Service Derived no-effect level Half maximal effective concentration Globally Harmonized System International Air Transport Association International Maritime Code for Dangerous Goods Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of
LC50 MARPOL	:	test animals) Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period) International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978



Date of last issue: 14.12.2023 Revision Date: 26.01.2024		Version 5.10	Print Date 29.02.2024
OEL PBT PNEC REACH SVHC	:	Occupational Exposure Limit Persistent, bioaccumulative and toxic Predicted no effect concentration Regulation (EC) No 1907/2006 of the Europe and of the Council of 18 December 2006 con istration, Evaluation, Authorisation and Rest cals (REACH), establishing a European Che Substances of Very High Concern	ncerning the Reg- riction of Chemi-
vPvB	:	Very persistent and very bioaccumulative	

### **Further information**

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 !

GB / EN