

Date of last issue: 05.06.2023	Version 9.6	Print Date 29.02.2024
Revision Date: 15.12.2023		

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

1.1 Product identifier

Trade name Sika[®] MultiPrimer Marine

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

Product use : Pretreatment agent

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	:	+44 (0)1707 394444
Telefax	:	+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)Flammable liquids, Category 2H225: Highly flammable liquid and vapour.							
Eye irritation, Category 2	H319: Causes serious eye irritation.						
Specific target organ toxicity - single ex- posure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.						
Long-term (chronic) aquatic hazard, Cat- egory 3	H412: Harmful to aquatic life with long lasting effects.						

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



Date of last issue: 05.06.2023 Revision Date: 15.12.2023		V	ersion 9.6	Print Date 29.02.2024
Hazard pictograms	:		!>	
Signal word	:	Danger		
Hazard statements	:	H225 H319 H336 H412	Highly flammable liquid ar Causes serious eye irritati May cause drowsiness or Harmful to aquatic life with fects.	ion. dizziness.
Supplemental Hazard Statements	:	EUH066	Repeated exposure may or cracking.	cause skin dryness
Precautionary statements	:	Prevention: P210 P233 P261 P273 P280	Keep away from heat, hot open flames and other ign smoking. Keep container tightly clos Avoid breathing mist or va Avoid release to the envir Wear protective gloves/ pr eye protection/ face protection	nition sources. No sed. apours. onment. rotective clothing/
		Response: P370 + P378	In case of fire: Use dry sa alcohol-resistant foam to e	

Hazardous components which must be listed on the label:

ethyl acetate

Additional Labelling

EUH208 Contains dibutyltin dilaurate. May produce an allergic reaction.

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.



Date of last issue: 05.06.2023	Version 9.6	Print Date 29.02.2024
Revision Date: 15.12.2023		

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
ethyl acetate	141-78-6 205-500-4 01-2119475103-46- XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system) EUH066	>= 40 - < 60
reaction mass of ethylbenzene and xylene	Not Assigned 905-588-0 01-2119488216-32- XXXX	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 5 - < 10
methanol	67-56-1 200-659-6 01-2119433307-44- XXXX	Flam. Liq. 2; H225 Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 STOT SE 1; H370 specific concentration limit STOT SE 1; H370 >= 10 % STOT SE 2; H371 3 - < 10 %	< 1



te of last issue: 05.06.2023 vision Date: 15.12.2023	Version 9.6		Print Date 29.02.2024	
dibutyltin dilaurate	77-58-7 201-039-8 01-2119496068-27- XXXX	Eye Irrit. 2; H319 Skin Sens. 1; H317 Muta. 2; H341 Repr. 1B; H360FD STOT SE 1; H370 STOT RE 1; H372 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	- 0,25 - < 0,3	

For explanation of abbreviations 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. Show this safety data sheet to the doctor in attendance.
	If inhaled	:	Move to fresh air. Consult a physician after significant exposure.
	In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
	In case of eye contact	:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
	If swallowed	:	Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
4.2	Most important symptoms and	d e	ffects, both acute and delayed
	Symptoms	:	Excessive lachrymation Erythema Loss of balance Vertigo See Section 11 for more detailed information on health effects and symptoms.



Date of last issue: 05.06.2023 Revision Date: 15.12.2023		Version 9.6	Print Date 29.02.202
Risks	:	irritant effects	
		Causes serious eye irritation. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness o	or cracking.
4.3 Indication of any immediate n	ne	dical attention and special treatment needed	ł
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting meas	ur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical	
Unsuitable extinguishing media	:	Water High volume water jet	
5.2 Special hazards arising from	th	e substance or mixture	
Specific hazards during fire- fighting	:	Do not use a solid water stream as it may sca fire.	tter and spread
Hazardous combustion prod- ucts	:	No hazardous combustion products are know	n
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breath	ning apparatus.
Further information	:	Use water spray to cool unopened containers	
SECTION 6: Accidental releas	e	neasures	
6 1 Deveenel processione protoco	4 :	e antipment and emergenery presedures	
Personal precautions, protect	נוע	e equipment and emergency procedures Use personal protective equipment.	
i ersonal precautions	•	Remove all sources of ignition.	
		Deny access to unprotected persons.	
		Beware of vapours accumulating to form expl	osive concentra-

6.2 Environmental precautions

Environmental precautions	:	Prevent product from entering drains.
		If the product contaminates rivers and lakes or drains inform

tions. Vapours can accumulate in low areas.



Date of last issue: 05.06.2023 Revision Date: 15.12.2023	Version 9.6	Print Date 29.02.2024
	respective authorities.	

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

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. Smoking, eating and drinking should be prohibited in the ap- plication area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products
	Advice on protection against fire and explosion	:	Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
	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, ir	nclu	uding any incompatibilities
	Requirements for storage areas and containers	:	Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.
	Further information on stor- age stability	:	No decomposition if stored and applied as directed.

7.3 Specific end use(s)



Date of last issue: 05.06.2023 Revision Date: 15.12.2023	Version 9.6	Print Date 29.02.2024	
Specific use(s)	: Consult most current local Product Data use.	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 *	
ethyl acetate	141-78-6	STEL	400 ppm 1.468 mg/m3	2017/164/EU	
	Further inform	ation: Indicative	J J		
		TWA	200 ppm 734 mg/m3	2017/164/EU	
		TWA	200 ppm 734 mg/m3	GB EH40	
		STEL	400 ppm 1.468 mg/m3	GB EH40	
reaction mass of ethylbenzene and xy- lene	Not Assigned	TWA	50 ppm 221 mg/m3	2000/39/EC	
		Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	100 ppm 442 mg/m3	2000/39/EC	
		TWA	50 ppm 220 mg/m3	GB EH40	
	Further information: Can be absorbed through the skin. The as- signed substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.				
		STEL	100 ppm 441 mg/m3	GB EH40	
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC	
	Further information: Indicative, Identifies the possibility of signifi- cant uptake through the skin				
		TWA	200 ppm 266 mg/m3	GB EH40	
	signed substa	Further information: Can be absorbed through the skin. The as- signed substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
The above mentioned values are in a		STEL	250 ppm 333 mg/m3	GB EH40	

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

Biological occupational exposure limits

Substance name	CAS-No.	Control parame-	Sampling time	Basis
		ters		
reaction mass of ethylbenzene and xylene	Not Assigned	methyl hippuric acid: 650 Millimo- les per mole cre-	After shift	GB EH40 BAT



on Date: 15.12.2023							
				at	nine		
				(U	rine)		
Derived No Effect Lo	∍vel (Dt	NEL)	accord	ling to Regulation	n (EC) No. 19	07/2006:	
Substance name	End	Use		Exposure routes	Potential hea	alth effects	Value
nethanol	Worl			Skin contact			40 mg/m3
			time: 8 l		-		
		sume		Skin contact			260 mg/m3
xposure controls		JSule	time: 8 l	1			
Engineering measu	es						
Aaintain air concentra					andards.		
Ensure adequate ven	tilation,	espe	ecially ir	o confined areas.			
Personal protective	equipm	nent					
Eye/face protection		:		glasses with side-		ming to EN	N166
			Eye wa	ash bottle with pure	e water		
land protection			Chemi	cal-resistant impe	rvious aloves	complying	with an ap-
		•	Chemical-resistant, impervious gloves complying with an ap proved standard must be worn at all times when handling				
				cal products. Refer			
				r specifications.			
			Suitab	le for short time us	e or protectio	n against s	plashes:
				ubber/nitrile rubbe			p
				ninated gloves sho			
				le for permanent e	xposure:		
				lloves (0.4 mm),			
			breaktl	hrough time >30 m	iin.		
Skin and body protec	tion	:	Protec	tive clothing (e.g. \$	Safety shoes a	acc. to EN	ISO 20345,
, ,				eeved working clo			
				otective boots are	additionaly re-	commende	ed for mixing
			and sti	rring work.			
Respiratory protection	า		In case	e of inadequate ve	ntilation wear	respiratory	protection.
	•	•		ator selection mus			
				are levels, the haza			
				its of the selected			
				c vapor filter (Type			
				1000 ppm; A2: < 5		< 10000 pr	om
				e adequate ventilat			
				st extraction or by			
				determining inhal			
			ticular	to the mixing / stiri	ing area. In c	ase this is i	not sufficent
			to keep	the concentration pro	ns under the o	ccupationa	al exposure

Environmental exposure controls

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General advice	: Prevent product from entering drains.	
Country GB 00000035557		8 / 18



Date of last issue: 05.06.2023 Revision Date: 15.12.2023	Version 9.6	Print Date 29.02.2024
	If the product contaminates rivers and la respective authorities.	akes or drains inform

SECTION 9: Physical and chemical properties

9.1 Information on basic physic Physical state Colour	al an : :	d chemical properties liquid colourless
Odour	:	hydrocarbon-like
Melting point/range / Freezing point] :	No data available
Boiling point/boiling range	:	> 70 °C
Flammability (solid, gas)	:	No data available
Upper/lower flammability o Upper explosion limit / Up per flammability limit	•	
Lower explosion limit / Lower flammability limit	:	1 %(V)
Flash point	:	ca4 °C Method: closed cup
Auto-ignition temperature	:	427 °C
		427 °C
Decomposition temperature	:	No data available
рН	:	Not applicable substance/mixture is non-soluble (in water)
Viscosity		
Viscosity, dynamic	:	ca. 10 - 20 mPa.s (20 °C)
Viscosity, kinematic	:	< 20,5 mm2/s (40 °C)



Date of last issue: 05.06.2023 Revision Date: 15.12.2023	Version 9.6	Print Date 29.02.2024
Solubility(ies)		
Water solubility	: insoluble	
Partition coefficient: n-	: No data available	
octanol/water		
	00 0045 kB-	
Vapour pressure	: 99,9915 hPa	
Density	: ca. 0,98 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
9.2 Other information		
Flammability (liquids)	: Not applicable	

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. : Vapours may form explosive mixture with air. 10.4 Conditions to avoid Conditions to avoid : Heat, flames and sparks. 10.5 Incompatible materials Materials to avoid Peroxides : Strong acids and oxidizing agents Bases



Date of last issue: 05.06.2023	Version 9.6	Print Date 29.02.2024
Revision Date: 15.12.2023		

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:

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): ca. 1.600 mg/l Exposure time: 4 h Test atmosphere: vapour

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

reaction mass of ethylbenzene and xylene:

Acute oral toxicity : LD50 Oral (Rat): 3.523 mg/kg

dibutyltin dilaurate:

Acute oral toxicity	: LD50 Oral (Rat): 2.071 mg/kg

Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

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.



Date of last issue: 05.06.2023 Revision Date: 15.12.2023 Version 9.6

Print Date 29.02.2024

STOT - single exposure

May cause drowsiness or dizziness.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

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:

reaction mass of ethylbenze	ene	and xylene:
Toxicity to fish (Chronic tox- icity)	:	NOEC: > 1,3 mg/l Exposure time: 56 d Species: Oncorhynchus mykiss (rainbow trout)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: 1,17 mg/l Exposure time: 7 d Species: Daphnia (water flea)
dibutyltin dilaurate:		
Toxicity to fish	:	LC50 (Fish): 3,1 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): 1 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (Selenastrum capricornutum (green algae)): 1 - 10 mg/l Exposure time: 72 h
M-Factor (Acute aquatic tox- icity)	:	1
M-Factor (Chronic aquatic	:	1



Date of last issue: 05.06.2023 Revision Date: 15.12.2023	Version 9.6	Print Date 29.02.202
toxicity)		
12.2 Persistence and degradabili No data available	у У	
12.3 Bioaccumulative potential No data available		
12.4 Mobility in soil No data available		
12.5 Results of PBT and vPvB as	sessment	
Product:		
Assessment	: This substance/mixture contains no compo to be either persistent, bioaccumulative and very persistent and very bioaccumulative (v 0.1% or higher	d toxic (PBT), or
12.6 Endocrine disrupting proper	ties	
Product:		
Assessment	 The substance/mixture does not contain contrained to have endocrine disrupting properties REACH Article 57(f) or Commission Delegation (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher. 	es according to ated regulation
12.7 Other adverse effects		
Product:		
Additional ecological infor- mation	: An environmental hazard cannot be exclud unprofessional handling or disposal. Harmful to aquatic life with long lasting effe	
SECTION 13: Disposal conside	erations	
13.1 Waste treatment methods		
Product	: The generation of waste should be avoided	d or minimized
	wherever possible. Empty containers or liners may retain some This material and its container must be disp	
	way.	duata via a liasaasad

waste disposal contractor.

Dispose of surplus and non-recyclable products via a licensed

Disposal of this product, solutions and any by-products should



Date of last issue: 05.06.2023 Revision Date: 15.12.2023		Version 9.6	Print Date 29.02.2024
		local authority requirements. Avoid dispersal of spilled material and runoff and soil, waterways, drains and sewers.	d contact with
European Waste Catalogue	:	08 01 11* waste paint and varnish containing or vents or other dangerous substances	ganic sol-
Contaminated packaging	:	15 01 10* packaging containing residues of or co by dangerous substances	ontaminated

SECTION 14: Transport information

14.1 UN number or ID number			
ADR	:	UN 1866	
IMDG	:	UN 1866	
ΙΑΤΑ	:	UN 1866	
14.2 UN proper shipping name			
ADR	:	RESIN SOLUTION	
IMDG	:	RESIN SOLUTION	
ΙΑΤΑ	:	Resin solution	
14.3 Transport hazard class(es)			
		Class	Subsidiary risks
ADR	:	3	
IMDG	:	3	
ΙΑΤΑ	:	3	
14.4 Packing group			
ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code IMDG Packing group Labels EmS Code IATA (Cargo) Packing instruction (cargo aircraft)		II F1 33 3 (D/E) II 3 F-E, <u>S-E</u> 364	



Date of last issue: 05.06.2023 Revision Date: 15.12.2023		Version 9.6	Print Date 29.02.2024
Packing instruction (LQ) Packing group Labels	: :	Y341 II Flammable Liquids	
IATA (Passenger) Packing instruction (passen- ger aircraft)	:	353	
Packing instruction (LQ) Packing group Labels	:	Y341 II Flammable Liquids	
14.5 Environmental hazards		·	
ADR Environmentally hazardous	:	no	
IMDG Marine pollutant	:	no	
IATA (Passenger) Environmentally hazardous	:	no	
IATA (Cargo) Environmentally hazardous	:	no	
14.6 Special precautions for use	r		

The transport classification(s) provided herein are

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Schedules of Toxic Chemicals and Precursors			
International Chemical Weapons Convention (CWC)	:	Not applicable	
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Brit- ain)	:	Not applicable	
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable	
UK REACH List of restrictions (Annex 17)	:	Not applicable	



Date of last issue: 05.06.2023 Revision Date: 15.12.2023	Version 9.6	Print Date 29.02.2024
Regulation (EC) No 1005/2009 o plete the ozone layer	n substances that de- : Not applicable	
UK REACH List of substances su (Annex XIV)	ubject to authorisation : Not applicable	
GB Export and import of hazardo Informed Consent (PIC) Regulati		
Control of Major Accident Hazard 2015 (COMAH) Volatile organic compounds :	ds Regulations P5c FLAMMABLE LIQUIDS Law on the incentive tax for volatile organic co (VOCV) Volatile organic compounds (VOC) content: 66 Directive 2010/75/EU of 24 November 2010 o emissions (integrated pollution prevention and Volatile organic compounds (VOC) content: 66	ompounds 5,3% w/w n industrial I control)
If other regulatory information ap Sheet, then it is described in this	plies that is not already provided elsewhere in th subsection.	ie Safety Data
Health, safety and environ- : mental regulation/legislation specific for the substance or	Environmental Protection Act 1990 & Subsidia Health and Safety at Work Act 1974 & Subsidi Control of Substances Hazardous to Health R	ary Regulations

Control of Substances Hazardous to Health Regulation (COSHH) May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

Other regulations:

mixture:

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

H225	:	Highly flammable liquid and vapour.
H226	:	Flammable liquid and vapour.
H301	:	Toxic if swallowed.
H304	:	May be fatal if swallowed and enters airways.
H311	:	Toxic in contact with skin.
H312	:	Harmful in contact with skin.
H315	:	Causes skin irritation.



Date of last issue: 05.06.2023 Revision Date: 15.12.2023	Version 9.6	Print Date 29.02.2024
H317 :	May cause an allergic skip reaction	
	May cause an allergic skin reaction.	
H319 :	Causes serious eye irritation. Toxic if inhaled.	
H331 :		
H332 :	Harmful if inhaled.	
H335 :	May cause respiratory irritation.	
H336 :	May cause drowsiness or dizziness.	
H341 :	Suspected of causing genetic defects.	L 11 J
H360FD :	May damage fertility. May damage the unborn of	nild.
H370 :	Causes damage to organs if swallowed.	
H370 :	Causes damage to organs.	
H372 :	Causes damage to organs through prolonged o	r repeated
	exposure if swallowed.	
H373 :	May cause damage to organs through prolonge	d or repeated
	exposure if inhaled.	
H400 :	Very toxic to aquatic life.	
H410 :	Very toxic to aquatic life with long lasting effects	5.
H412 :	Harmful to aquatic life with long lasting effects.	
Full text of other abbreviation	S	
Acute Tox. :	Acute toxicity	
Aquatic Acute :	Short-term (acute) aquatic hazard	
Aquatic Chronic :	Long-term (chronic) aquatic hazard	
Asp. Tox.	Aspiration hazard	
Eye Irrit.	Eye irritation	
Flam. Liq.	Flammable liquids	
Muta.	Germ cell mutagenicity	
Repr.	Reproductive toxicity	
Skin Irrit.	Skin irritation	
Skin Sens.	Skin sensitisation	
STOT RE	Specific target organ toxicity - repeated exposu	
STOT SE :	Specific target organ toxicity - single exposure	6
2000/39/EC :	Europe. Commission Directive 2000/39/EC esta	bliching a first
2000/39/20	list of indicative occupational exposure limit value	
2006/15/EC :	Europe. Indicative occupational exposure limit val	
2000/15/EC		
2017/104/EU	Europe. Commission Directive 2017/164/EU est	
	fourth list of indicative occupational exposure lin	iit values
GB EH40 :	UK. EH40 WEL - Workplace Exposure Limits	
GB EH40 BAT :	UK. Biological monitoring guidance values	
2000/39/EC / TWA :	Limit Value - eight hours	
2000/39/EC / STEL :	Short term exposure limit	
2006/15/EC / TWA :	Limit Value - eight hours	
2017/164/EU / STEL :	Short term exposure limit	
2017/164/EU / TWA :	Limit Value - eight hours	
GB EH40 / TWA :	Long-term exposure limit (8-hour TWA referenc	
GB EH40 / STEL :	Short-term exposure limit (15-minute reference	
ADR :	European Agreement concerning the Internation	nal Carriage of
0.1.0	Dangerous Goods by Road	
CAS :	Chemical Abstracts Service	
DNEL :	Derived no-effect level	
EC50 :	Half maximal effective concentration	
GHS :	Globally Harmonized System	
IATA :	International Air Transport Association	

Country GB 00000035557



Date of last issue: 05.06.2023 Revision Date: 15.12.2023		Version 9.6	Print Date 29.02.2024
IMDG	:	International Maritime Code for Dangerous Good	ds
LD50	:	Median lethal dosis (the amount of a material, gi	iven all at
		once, which causes the death of 50% (one half) test animals)	of a group of
LC50		Median lethal concentration (concentrations of the	ne chemical in
2000	•	air that kills 50% of the test animals during the o	
		period)	
MARPOL	:	International Convention for the Prevention of Pe	ollution 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 concer	ning the Reg-
		istration, Evaluation, Authorisation and Restriction	on of Chemi-
		cals (REACH), establishing a European Chemic	als Agency
SVHC	:	Substances of Very High Concern	
vPvB	:	Very persistent and very bioaccumulative	

Further information

Classification of the m	nixture:	Classification procedure:
Flam. Liq. 2	H225	Based on product data or assessment
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H336	Calculation method
Aquatic Chronic 3	H412	Calculation method

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