

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1	Product identifier Trade name	:	Sulfamethoxazole / Trimethoprim Formulation
1.2	Relevant identified uses of the	e s	ubstance or mixture and uses advised against
	Use of the Sub- stance/Mixture		Veterinary product
	Recommended restrictions on use	:	Not applicable
1.3	Details of the supplier of the s	saf	ety data sheet
	Company	:	MSD Walton Manor, Walton MK7 7AJ Milton Keynes - United Kingdom
	Telephone	:	+1-908-740-4000
	E-mail address of person responsible for the SDS	:	EHSDATASTEWARD@msd.com

1.4 Emergency telephone number

+1-908-423-6000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Skin corrosion, Sub-category 1A Serious eye damage, Category 1 Reproductive toxicity, Category 2 Specific target organ toxicity - repeated exposure, Category 2 Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 1 H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H361d: Suspected of damaging the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.



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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms	:		
Signal word	:	Danger	• •
Hazard statements	•	H314 H361d H373 H410	Causes severe skin burns and eye damage. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.
Supplemental Hazard Statements	:	EUH071	Corrosive to the respiratory tract.
Precautionary statements	:	Prevention	:
		P201 P273 P280	Obtain special instructions before use. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response:	
		P303 + P36	61 + P353 + P310 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Immediately call a POISON CENTER/ doctor.
		P305 + P35	with water for several minutes. Remove contact lenses, if present and easy to do. Continue rins- ing. Immediately call a POISON CENTER/ doctor.
		P391	Collect spillage.

Hazardous components which must be listed on the label:

Trimethoprim Sodium hydroxide

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

Components

	Chemical name	CAS-No.	Classification	Concentration
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No. ex-No. istration number -46-6 -963-3 M-Factor (Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10 -70-5 -006-2 Repr. 2; H361d STOT RE 1; H372 (Bone marrow) Aquatic Chronic 2;	(% w/w) >= 30 - < 50 >= 3 - < 10
-963-3 H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10 -70-5 Acute Tox. 4; H302 Repr. 2; H361d STOT RE 1; H372 (Bone marrow)	
-006-2 Repr. 2; H361d STOT RE 1; H372 (Bone marrow)	>= 3 - < 10
H411	
$\begin{array}{llllllllllllllllllllllllllllllllllll$	>= 5 - < 10
	Skin Corr. 1A; H314 >= 5 % Skin Corr. 1B; H314 2 - < 5 % Skin Irrit. 2; H315 0.5 - < 2 %

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment



			when the potentia	al for exposure exists (see section 8).	
lf inhale	d	:	If breathing is diff	e to fresh air. give artificial respiration. icult, give oxygen. ntion immediately.	
In case	of skin contact	:	for at least 15 min and shoes. Get medical atter Wash clothing be	t, immediately flush skin with plenty of water nutes while removing contaminated clothing ntion immediately. fore reuse. shoes before reuse.	
In case	of eye contact	:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention immediately.		
If swalld	owed	:	If vomiting occurs Call a physician of Rinse mouth thor	NOT induce vomiting. have person lean forward. or poison control centre immediately. oughly with water. ing by mouth to an unconscious person.	
4.2 Most im	portant symptoms	and e	effects, both acute	e and delayed	
Risks		:	Causes serious e Suspected of dar	eye damage. naging the unborn child. ge to organs through prolonged or repeated urns.	
			Causes digestive	tract burns.	
4.3 Indicatio	on of any immediate	e meo	dical attention and	d special treatment needed	
Treatme	-	:		ically and supportively.	

i Exunguishing media		
Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.



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5.2 Sp	pecial h	azards arising from	the	substance or mi	xture
S		-			pustion products may be a hazard to health.
	lazardo icts	us combustion prod-	:	Carbon oxides Nitrogen oxides (I Sulphur oxides Metal oxides	NOx)
5.3 Ac	dvice fo	or firefighters			
	Special p or firefig	protective equipment hters	:		e, wear self-contained breathing apparatus. tective equipment.
	Specific ods	extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).
6.2 Environmental precautions		
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. If spillage enters rivers or watercourses, inform the Environ- ment Agency (emergency telephone number 0800 807060).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	: Soak up with inert absorbent material. For large spills, provide dyking or other appropriate contain- ment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absor- bent.
	Local or national regulations may apply to releases and dis- posal of this material, as well as those materials and items employed in the cleanup of releases. You will need to deter- mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

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6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling **Technical measures** See Engineering measures under EXPOSURE : CONTROLS/PERSONAL PROTECTION section. Local/Total ventilation If sufficient ventilation is unavailable, use with local exhaust ventilation. Advice on safe handling Do not get on skin or clothing. : Do not breathe mist or vapours. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Keep container tightly closed. Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to the environment. Hygiene measures If exposure to chemical is likely during typical use, provide eye : flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep in properly labelled containers. Store locked up. Keep tightly closed. Store in accordance with the particular national regulations.
Advice on common storage	:	Do not store with the following product types: Strong oxidizing agents Self-reactive substances and mixtures Organic peroxides Explosives Gases
7.3 Specific end use(s) Specific use(s)	:	No data available



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Sulfamethoxazole	723-46-6	TWA	OEB 2 (>= 100 < 1000 µg/m3)	Internal
Trimethoprim	738-70-5	TWA	400 µg/m3 (OEB 2)	Internal
Sodium hydroxide	1310-73-2	STEL	2 mg/m3	GB EH40

Derived No Effect Level (DNEL)

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Sodium hydroxide	Consumers	Inhalation	Long-term local ef- fects	1 mg/m3
	Workers	Inhalation	Long-term local ef- fects	1 mg/m3

Predicted No Effect Concentration (PNEC)

Substance name	Environmental Compartment	Value
Trimethoprim	Water	0.9 mg/l

8.2 Exposure controls

Engineering measures

Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip-less quick connections).

All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Laboratory operations do not require special containment.

Personal protective equipment

Eye/face protection	:	Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.
Hand protection		
Material	:	Chemical-resistant gloves
Skin and body protection Respiratory protection	:	Work uniform or laboratory coat. If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection. Equipment should conform to BS EN 143
Filter type	:	Particulates type (P)



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

	Appearance Colour Odour Odour Threshold	:	suspension white to off-white No data available No data available
	рН	:	9.5 - 12.5
	Melting point/freezing point	:	No data available
	Initial boiling point and boiling range	:	No data available
	Flash point	:	No data available
	Evaporation rate	:	No data available
	Flammability (solid, gas)	:	Not applicable
	Upper explosion limit / Upper flammability limit	:	No data available
	Lower explosion limit / Lower flammability limit	:	No data available
	Vapour pressure	:	No data available
	Relative vapour density	:	No data available
	Relative density	:	No data available
	Density	:	1.179 g/cm ³
	Solubility(ies) Water solubility Partition coefficient: n- octanol/water	:	No data available Not applicable
	Auto-ignition temperature	:	No data available
	Decomposition temperature	:	No data available
	Viscosity Viscosity, kinematic	:	No data available
	Explosive properties	:	Not explosive
	Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
9.2	Other information		
	Flammability (liquids)	•	No data available

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Moleo	cular weight	:	No data available	e			
Partic	le size	:	Not applicable				
SECTION	I 10: Stability and rea	activ	vity				
10.1 Reac Not c	tivity lassified as a reactivity h	iazai	rd.				
	nical stability e under normal conditior	ıs.					
10.3 Poss	ibility of hazardous rea	actio	ons				
	rdous reactions	:		rong oxidizing agents.			
	litions to avoid itions to avoid	:	None known.				
10.5 Incor	npatible materials						
Mater	ials to avoid	:	Oxidizing agents Acids				
No ha	rdous decomposition pazardous decomposition	proc	ducts are known.				
11.1 Infor	mation on toxicologica	ıl eff	ects				
Inforn expos	nation on likely routes of sure	:	Inhalation Skin contact Ingestion Eye contact				
	e toxicity lassified based on availa	able	information.				
Prod	uct:						
	oral toxicity	:	Acute toxicity esti Method: Calculati	mate: > 2,000 mg/kg on method			
Com	oonents:						
	methoxazole: oral toxicity	:	LD50 (Mouse): 2,	300 mg/kg			
Trime	Trimethoprim:						



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Acute	oral toxicity	:	LD50 (Rat): 1,500	- 5,300 mg/kg
			LD50 (Mouse): 1,9	910 - 7,000 mg/kg
	toxicity (other routes of stration)	:	LD50 (Rat): 400 - Application Route	
			LD50 (Dog): 90 m Application Route	
			LD50 (Mouse): 13 Application Route	
Sodiu	m hydroxide:			
Acute	inhalation toxicity	:	Assessment: Corr	osive to the respiratory tract.
	orrosion/irritation s severe burns.			
<u>Comp</u>	onents:			
Sulfan	nethoxazole:			
Specie Result		:	Rabbit No skin irritation	
Sodiu Result	m hydroxide:	:	Corrosive after 3 r	ninutes or less of exposure
	i s eye damage/eye irri s serious eye damage.	tati	on	
	onents:			
Sodiu	m hydroxide:			
Result Remar		:	Irreversible effects Based on skin cor	
Respir	atory or skin sensitis	atio	n	
	ensitisation assified based on availa	ble	information.	
-	ratory sensitisation assified based on availa	ble	information.	
Comp	onents:			
Test T	ure routes	:	Magnusson-Kligm Skin contact Guinea pig	an-Test
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Resu	ılt	:	negative	
Trim	ethoprim:			
Test	Туре	:	Maximisation Te	est
	sure routes		Dermal	
Spec	cies	:	Guinea pig	
Resu	ılt	:	Not a skin sensi	itizer.
Sodi	um hydroxide:			
Test	Туре	:	Human repeat i	nsult patch test (HRIPT)
Expo	sure routes		Skin contact	
Resu	ılt	:	negative	
Gern	n cell mutagenicity			
Not o	classified based on ava	ailable i	nformation.	
<u>Com</u>	ponents:			
Sulfa	amethoxazole:			
Geno	otoxicity in vitro		Test Type: Bact Result: negative	erial reverse mutation assay (AMES)
			Test Type: Chro Result: negative	omosome aberration test in vitro
Geno	otoxicity in vivo			
Trim	ethoprim:			
	otoxicity in vitro	:	Test Type: Bact Result: negative	erial reverse mutation assay (AMES)
			Test Type: Chro Result: negative	omosomal aberration
			Test Type: In vi Result: negative	tro mammalian cell gene mutation test
				a damage and repair, unscheduled DNA syn- alian cells (in vitro) e
Geno	otoxicity in vivo		Test Type: Micr Species: Rat Result: negative	
			Test Type: Chro Species: Humai	omosomal aberration ns

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Result: negative

Carcinogenicity

Not classified based on available information.

Components:

Sulfamethoxazole:

Species	:	Mouse
Application Route	:	Ingestion
Exposure time	:	26 weeks
Result	:	negative

Reproductive toxicity

Suspected of damaging the unborn child.

Components:

Trimethoprim:

Effects on fertility :	Test Type: Fertility Species: Rat Application Route: Oral Fertility: NOAEL: 70 mg/kg body weight Result: No effects on fertility
Effects on foetal develop- : ment	Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: LOAEL: 70 mg/kg body weight Result: Effects on newborn Remarks: Maternal toxicity observed.
	Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: LOAEL: 70 mg/kg body weight Result: Embryotoxic effects. Remarks: Maternal toxicity observed.
	Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: LOAEL: 15 mg/kg body weight Result: Embryotoxic effects., Teratogenic effects
	Test Type: Development Species: Hamster Application Route: Oral Developmental Toxicity: LOAEL: 1.7 mg/kg body weight Result: Embryotoxic effects., No teratogenic effects
	Test Type: Development

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		Applica Develo		e: Oral oxicity: LOAEL: 100 mg/kg body weight oxic effects., No teratogenic effects
Repro sessn	oductive toxicity - As- nent	: Suspec	cted of da	maging the unborn child.
	- single exposure sive to the respiratory t	ract.		
STOT	- repeated exposure			
May o	cause damage to orgar	s through pro	olonged or	repeated exposure.
<u>Comp</u>	oonents:			
Trime	ethoprim:			
Targe	et Organs ssment	: Bone n : Causes exposu	s damage	to organs through prolonged or repeated
Repe	ated dose toxicity			
Com	oonents:			
Trime	ethoprim:			
Expos	EL	: Rat : 100 mg : 300 m : Oral : 6 Mont : Bone n	g/kg hs	ver, Pituitary gland, Thyroid
Expos		: Rat : 300 m : Oral : 3 Mont : Bone n	hs	
Expos	EL	: Dog : 2.5 mg : 45 mg : Oral : 3 Mont : Blood,	/kg	
-	ation toxicity lassified based on avai	able information	tion.	
	rience with human ex			
•	e e no entre i			

Components:

Trimethoprim:



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Inge	Ingestion		: Target Organs: Bone marrow Symptoms: Abdominal pain, Nausea, Vomiting, skin rash, Dizziness, Headache, mental depression, confusion			
SECTIC	N 12: Ecological infor	ma	tion			
12.1 Tox	kicity					
<u>Cor</u>	nponents:					
Sul	famethoxazole:					
Тох	icity to fish	:	LC50 (Oryzias latip Exposure time: 96 l	es (Japanese medaka)): 562.5 mg/l า		
	icity to daphnia and other atic invertebrates	:	EC50 (Ceriodaphni Exposure time: 48 l	a dubia (water flea)): 0.21 mg/l า		
Tox plar	icity to algae/aquatic hts	:	EC50 (Synechocod 0.0268 mg/l Exposure time: 96 l	rcus leopoliensis (blue-green algae)): n		
			NOEC (Synechoco 0.0059 mg/l Exposure time: 96 l	ccus leopoliensis (blue-green algae)): n		
M-F icity	actor (Acute aquatic tox-	:	10			
Тох	icity to microorganisms	:	NOEC (activated sl Method: OECD Tes			
Tox icity	icity to fish (Chronic tox-	:	NOEC: 0.533 mg/l Exposure time: 21 o Species: Danio reri			
aqu	icity to daphnia and other atic invertebrates (Chron- oxicity)	:	NOEC: 0.01 mg/l Exposure time: 30 o Species: Daphnia r			
M-F toxi	actor (Chronic aquatic city)	:	10			
Trin	nethoprim:					
Тох	icity to fish	:	LC50 (Pimephales Exposure time: 96 l	promelas (fathead minnow)): 100 mg/l า		
	icity to daphnia and other atic invertebrates	:	EC50 (Daphnia ma Exposure time: 48 l	gna Straus): 92 mg/l า		
Tox plar	icity to algae/aquatic hts	:	EC50 (Pseudokirch mg/l Exposure time: 72 l	neriella subcapitata (microalgae)): 80.3 n		



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			NOEC (Pseudoki mg/l Exposure time: 72	rchneriella subcapitata (green algae)): 16 2 h		
			EC50 (Anabaena Exposure time: 72	flos-aquae): 253 mg/l 2 h		
			EC10 (Anabaena Exposure time: 72	flos-aquae): 26 mg/l 2 h		
Toxici	Toxicity to microorganisms		EC10 : 16.7 mg/l Exposure time: 3 Test Type: Respir Method: OECD T	ration inhibition		
			EC50 : > 1,000 m Exposure time: 3 Test Type: Respir Method: OECD T	hrs ration inhibition		
Toxici icity)	Toxicity to fish (Chronic tox- icity)		NOEC: 0.157 mg/ Exposure time: 2 ² Species: Zebrafis	1 d		
aquat	Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)		NOEC: 6 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)			
12.2 Persi	stence and degradabil	lity				
Comp	oonents:					
	methoxazole: gradability	:	Result: Not readil Biodegradation: (Exposure time: 28 Method: OECD T	0%		
Trime	ethoprim:					
Biode	gradability	:	Result: Not readily Biodegradation: 4 Exposure time: 28 Method: OECD T	4 %		
			Biodegradation: (Exposure time: 28			

SAFETY DATA SHEET According to REACH Regulation (EC) No 190

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12.3 Bioa	ccumulative potential		
Com	ponents:		
Sulfa	methoxazole:		
Bioaccumulation			inus carpio (Carp) ion factor (BCF): < 120
	ion coefficient: n- ol/water	: log Pow: 0.89	
Trime	ethoprim:		
	ion coefficient: n- ol/water	: log Pow: 0.91	
	i lity in soil ata available		
12.5 Resu	Ilts of PBT and vPvB a	ssessment	
Prod	uct:		
Asse	ssment	to be either pe	e/mixture contains no components considered ersistent, bioaccumulative and toxic (PBT), or it and very bioaccumulative (vPvB) at levels of r.
12.6 Othe	r adverse effects		
Prod	uct:		
Endo tial	crine disrupting poten-	ered to have e	e/mixture does not contain components consid- endocrine disrupting properties for environment JK REACH Article 57(f).
SECTION	N 13: Disposal consi	derations	
13 1 Wae	te treatment methods		
Produ		According to t are not produce Waste codes discussion with	accordance with local regulations. he European Waste Catalogue, Waste Codes ct specific, but application specific. should be assigned by the user, preferably in h the waste disposal authorities. e of waste into sewer.

Contaminated packagingDo not dispose of waste into sewer.Contaminated packaging: Empty containers should be taken to an approved waste han-
dling site for recycling or disposal.
If not otherwise specified: Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number

ADN

: UN 1824

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AC			UN 1824				
RI		•	UN 1824 UN 1824				
	DG	•	UN 1824 UN 1824				
IA [.]	-	•	UN 1824 UN 1824				
		•	UN 1024				
	N proper shipping name						
AD		:					
AD		:					
RI		:		DXIDE SOLUTION			
IM	DG	:	SODIUM HYDROXIDE SOLUTION (Sulfamethoxazole)				
IA	ТА	:	Sodium hydroxid	e solution			
14.3 Tr	ansport hazard class(es)						
			Class	Subsidiary risks			
AD	DN	:	8				
AD	DR	:	8				
RI	D	:	8				
IM	DG	:	8				
IA	ТА	:	8				
14.4 Pa	acking group						
Cla Ha	DN acking group assification Code azard Identification Number bels	:	II C5 80 8				
Cla Ha La	DR acking group assification Code azard Identification Number bels nnel restriction code	:	II C5 80 8 (E)				
Cla Ha	D acking group assification Code azard Identification Number bels	:	II C5 80 8				
Pa La	DG locking group bels nS Code	:	II 8 F-A, S-B				
IA	TA (Cargo)						

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Packing aircraft)	g instruction (cargo	:	855	
Packing Packing Labels	g instruction (LQ) g group	:	Y840 II Corrosive	
	Passenger) g instruction (passen-	:	851	
Packing	Packing instruction (LQ) Packing group		Y840 II Corrosive	
14.5 Enviro	14.5 Environmental hazards			
ADN Environ	mentally hazardous	:	yes	
ADR Environ	mentally hazardous	:	yes	
RID Environ	mentally hazardous	:	yes	
	pollutant	:	yes	

14.6 Special precautions for user

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 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks

: 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 List of restrictions (Annex 17)

: Conditions of restriction for the following entries should be considered: Number on list 3

Substance(s) or mixture(s) are listed here according to their appearance in the regulation, irrespective of their use/purpose or the conditions of the restriction. Please refer to the conditions in corresponding Regulation to determine whether an entry is applicable to the placing on the market or not. According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



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concer	n (SVHC) for Authoris	substances of very hig ation tants Regulations (reta		:	Not applicable	
		is amended for Great E		•		
Regula layer	ation (EC) on substanc	es that deplete the ozo	ne	:	Not applicable	
UK RE (Anne)		es subject to authorisati	on	:	Not applicable	
ĠB Ex	,	ardous chemicals - Pric ulation	or	:	Not applicable	
Contro	ol of Major Accident Ha	zards Regulations 201	5 (CON	MA	.H)	
E1	-	ENVIRONMENT HAZARDS	AL		Quantity 1 100 t	Quantity 2 200 t

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

The components of this product are reported in the following inventories:

DSL	:	not determined
AICS	:	not determined
IECSC	:	not determined

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Other information	:	Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.
Full text of H-Statements		
H290	:	May be corrosive to metals.
H302		Harmful if swallowed.
H314	:	Causes severe skin burns and eye damage.
H318		Causes serious eye damage.
H361d	:	Suspected of damaging the unborn child.
H372	:	Causes damage to organs through prolonged or repeated exposure.
H400	:	Very toxic to aquatic life.
H410		Very toxic to aquatic life with long lasting effects.
H411	:	Toxic to aquatic life with long lasting effects.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



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Full text of other abbreviations

Aquatic AcuteAquatic ChronicEye Dam.Met. Corr.Repr.Skin Corr.STOT REGB EH40	Acute toxicity Short-term (acute) aquatic hazard Long-term (chronic) aquatic hazard Serious eye damage Corrosive to metals Reproductive toxicity Skin corrosion Specific target organ toxicity - repeated exposure UK. EH40 WEL - Workplace Exposure Limits
	Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response: GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Sources of key data used to	:	Internal technical data, data from raw material SDSs, OECD
compile the Safety Data		eChem Portal search results and European Chemicals Agen-
Sheet		cy, http://echa.europa.eu/

Classification of the mixture:

Classification procedure:

Skin Corr. 1A

Calculation method

H314



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Eye D	am. 1	H318	Calculation method	
Repr. 2		H361d	Calculation method	
STOT RE 2		H373	Calculation method	
Aquatic Acute 1		H400	Calculation method	
Aquatic Chronic 1		H410	Calculation method	

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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