Commission Regulation (EU) 2020/878



# **Doxycycline Formulation**

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

1.1	Product identifier		
	Trade name	:	Doxycycline Formulation
1.2	Relevant identified uses of t	he 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		studete ekset
1.5	Details of the supplier of the	sat	ety data sheet
1.5	Company	sar :	MSD
1.5		sar :	MSD Kilsheelan
1.5		sar :	MSD
1.5		:	MSD Kilsheelan
1.0	Company	:	MSD Kilsheelan Clonmel Tipperary, IE

#### 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)

Skin corrosion, Category 1 Serious eye damage, Category 1 Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 2

2.2 Label elements

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

2

Hazard pictograms



Signal word

H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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Hazaı	rd statements	: H314 H410	Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects.
Preca	utionary statements	: <b>Preventio</b> P260 P273 P280	Do not breathe dust. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		<b>Respons</b> P303 + P	e: 361 + 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 + P P391	351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rins- ing. Immediately call a POISON CENTER/ doctor. Collect spillage.

### 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.

May form explosive dust-air mixture during processing, handling or other means.

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

#### 3.2 Mixtures

#### Components CAS-No. Classification Concentration Chemical name EC-No. (% w/w) Index-No. Registration number **Doxycycline Hyclate** 24390-14-5 Acute Tox. 4: H302 >= 50 - < 70 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 Acute toxicity esti-



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			mate	
			Acute oral toxicity: 2,000 mg/kg	

For explanation of abbreviations see section 16.

## **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

<ul> <li>In the case of accident or if you feel unwell, seek medical advice immediately.</li> <li>When symptoms persist or in all cases of doubt seek medical advice.</li> </ul>
: First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
<ul> <li>If inhaled, remove to fresh air.</li> <li>If not breathing, give artificial respiration.</li> <li>If breathing is difficult, give oxygen.</li> <li>Get medical attention immediately.</li> </ul>
<ul> <li>In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.</li> <li>Get medical attention immediately.</li> <li>Wash clothing before reuse.</li> <li>Thoroughly clean shoes before reuse.</li> </ul>
<ul> <li>In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.</li> <li>If easy to do, remove contact lens, if worn.</li> <li>Get medical attention immediately.</li> </ul>
<ul> <li>If swallowed, DO NOT induce vomiting.</li> <li>If vomiting occurs have person lean forward.</li> <li>Call a physician or poison control centre immediately.</li> <li>Rinse mouth thoroughly with water.</li> <li>Never give anything by mouth to an unconscious person.</li> </ul>
d effects, both acute and delayed
: Causes serious eye damage. Causes severe burns.
Causes digestive tract burns.
edical attention and special treatment needed
: Treat symptomatically and supportively.



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## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

media

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

## 5.2 Special hazards arising from the substance or mixture

5.2	Special hazards arising from	the	e substance or mixture		
	Specific hazards during fire- fighting	:	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Exposure to combustion products may be a hazard to health.		
	Hazardous combustion prod- ucts	:	Carbon oxides		
5.3	5.3 Advice for firefighters				
	Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.		
	Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so.		

Evacuate area.

#### **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. Retain and dispose of contaminated wash water.

Local authorities should be advised if significant spillages

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Sweep up or vacuum up spillage and collect in suitable con- tainer for disposal.

cannot be contained.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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		with compresse Dust deposits s es, as these ma leased into the Local or nationa posal of this ma employed in the mine which regu Sections 13 and	of dust in the air (i.e., clearing dust surfaces ad air). hould not be allowed to accumulate on surfac- ay form an explosive mixture if they are re- atmosphere in sufficient concentration. al regulations may apply to releases and dis- terial, as well as those materials and items a cleanup of releases. You will need to deter- ulations are applicable. d 15 of this SDS provide information regarding national requirements.

## 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

	5
Technical measures	<ul> <li>Static electricity may accumulate and ignite suspended dust causing an explosion.</li> <li>Provide adequate precautions, such as electrical grounding</li> </ul>
	and bonding, or inert atmospheres.
Local/Total ventilation	: If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling	: Do not get on skin or clothing.
0	Do not breathe dust.
	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 as-
	sessment
	Keep container tightly closed.
	Minimize dust generation and accumulation.
	Keep container closed when not in use.
	Keep away from heat and sources of ignition.
	Take precautionary measures against static discharges.
	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	e, including any incompatibilities
Requirements for storage	· Keep in properly labelled containers. Store locked up. Keep



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Advice	e on common storage	regulations.	vith the following product types:
		Strong oxidizi	ng agents substances and mixtures
<b>7.3 Specific end use(s)</b> Specific use(s)		: No data availa	able

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

#### 8.1 Control parameters

dusts non-specific

#### **Occupational Exposure Limits**

4 mg/m3 Value type (Form of exposure): OELV - 8 hrs (TWA) (Respirable dust) Basis: IE OEL

> 10 mg/m3 Value type (Form of exposure): OELV - 8 hrs (TWA) (inhalable dust) Basis: IE OEL

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Doxycycline Hy- clate	24390-14-5	TWA	OEL = 100 µg/m3 (OEB 2)	Internal

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

Substance name	Environmental Compartment	Value
Doxycycline Hyclate	Water	0.0003 mg/l

#### 8.2 Exposure controls

#### **Engineering measures**

Use feasible engineering controls to minimize exposure to compound. All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.

#### 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		

Hand protection



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Material		: Chemical-resistant gloves				
Skin and body protection Respiratory protection		: If adequate lo sure assessm ommended gu	or laboratory coat. cal exhaust ventilation is not available or expo- ent demonstrates exposures outside the rec- udelines, use respiratory protection. ould conform to I.S. EN 143			
Filter type		: Particulates ty				

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

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

Physical state	:	powder
Colour	:	light yellow
Odour	:	No data available
Odour Threshold	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flammability (solid, gas)	:	May form explosive dust-air mixture during processing, han- dling or other means.
Flammability (liquids)	:	Not applicable
Upper explosion limit / Upper 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
рН	:	1.5 - 3.5
Viscosity Viscosity, kinematic	:	Not applicable
Solubility(ies) Water solubility	:	No data available



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Partition coefficient: n- octanol/water		:	Not applicable		
	Vapour	pressure	:	Not applicable	
	Relative	e density	:	No data availabl	e
	Density		:	No data available	e
	Relative vapour density		:	Not applicable	
		characteristics icle size	:	No data availabl	e
9.2 (	Other in	formation			
	Explosi	ves	:	Not explosive	
	Oxidizir	ng properties	:	The substance of	r mixture is not classified as oxidizing.
	Evapor	ation rate	:	Not applicable	
	Molecu	lar weight	:	No data availabl	e

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

10.1 Reactivity	- d					
Not classified as a reactivity hazard. 10.2 Chemical stability						
Stable under normal conditions.						
10.3 Possibility of hazardous reaction	ons					
Hazardous reactions :	May form explosive dust-air mixture during processing, han- dling or other means. Can react with strong oxidizing agents.					
10.4 Conditions to avoid						
Conditions to avoid :	Heat, flames and sparks. Avoid dust formation.					
10.5 Incompatible materials						
Materials to avoid : Oxidizing agents						
10.6 Hazardous decomposition products						

No hazardous decomposition products are known.



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## **SECTION 11: Toxicological information**

11.1 Inform	ation on hazard class	es a	as defined in Regulation (EC) No 1272/2008
Informa exposu	ation on likely routes of re	:	Inhalation Skin contact Ingestion Eye contact
	toxicity		
	ssified based on availab	ole i	information.
Produc			A suite to visite estimates 0.000 ms/lun
Acute C	oral toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Compo	onents:		
Doxycy	ycline Hyclate:		
Acute c	oral toxicity	:	LD50 (Rat): 2,000 mg/kg
			LD50 (Mouse): 1,870 mg/kg
			LD50 (Dog): 500 mg/kg
	oxicity (other routes of stration)	:	LD50 (Rat): 222 mg/kg Application Route: Intravenous
	orrosion/irritation s severe burns.		
Compo	onents:		
Doxycy	ycline Hyclate:		
Remarl	ks	:	No data available May irritate skin.
	<b>s eye damage/eye irrit</b> s serious eye damage.	atio	on
Compo	onents:		
Doxycy	ycline Hyclate:		
Remark	ks	:	No data available May irritate eyes.
Respir	atory or skin sensitisa	atio	n
Skin se	ensitisation		

Not classified based on available information.

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	<b>Respiratory sensitisation</b> Not classified based on available <u>Components:</u>		able in	formation.		
	Doxycycline Hyclate: Remarks		N	No data available May cause sensitisation by skin contact. May cause sensitisation of susceptible persons by skin con- tact or by inhalation of dust.		
Germ cell mutagenicity Not classified based on available information. Components:						
	Doxycycline Hyclate: Genotoxicity in vitro :		T F	est system: Chin Result: Weakly po	osome aberration test in vitro lese hamster cells ositive on data from similar materials	
			T F	est system: Chin Result: negative	e mammalian cell gene mutation test lese hamster cells on data from similar materials	
	Genoto	oxicity in vivo	S A F	Species: Mouse Application Route Result: negative	micronucleus test : Oral on data from similar materials	
	<u> </u>					

## Carcinogenicity

Not classified based on available information.

## Components:

## Doxycycline Hyclate:

Species	: Rat
Application Route	: Oral
Exposure time	: 2 Years
	: 200 mg/kg body weight
Symptoms	: females
Target Organs	: Uterus (including cervix)
Remarks	: Benign tumor(s)

#### **Reproductive toxicity**

Not classified based on available information.

#### **Components:**

#### Doxycycline Hyclate:

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Effects	s on foetal develop-	Species: Rat, fer Application Rout General Toxicity Result: No adver Test Type: Fertil Species: Rat, ma Application Rout General Toxicity Symptoms: male Remarks: Fertilit	e: Oral Maternal: NOAEL: 250 mg/kg body weight rse effects ity/early embryonic development ale

#### STOT - single exposure

Not classified based on available information.

#### STOT - repeated exposure

Not classified based on available information.

#### **Repeated dose toxicity**

#### Components:

#### **Doxycycline Hyclate:**

Species	:	Rat
NOAEL	:	25 mg/kg
Application Route	:	Oral
Exposure time	:	28 d
Symptoms	:	Thyroid effects

#### 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.

#### Experience with human exposure

### **Components:**

## **Doxycycline Hyclate:**

- General Information
- : May cause Target Organs: Teeth



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•	contact ner information		strointestinal disturbance cause photosensitisation.	
Com	ponents:			
Doxy	cycline Hyclate:			
Rema	arks	: Well tolerated in	n clinical use	
	N 12: Ecological in			

### 12.1 Toxicity

#### Components:

Toxicity to algae/aquatic plants	:	EC10 (Anabaena flos-aquae): 0.251 mg/l End point: Growth rate Exposure time: 72 h
Ecotoxicology Assessment Acute aquatic toxicity		Very toxic to aquatic life.
Acute aquatic toxicity	•	
Chronic aquatic toxicity	:	Toxic to aquatic life with long lasting effects.
12.2 Persistence and degradabili	ity	
No data available	-	

### 12.3 Bioaccumulative potential

#### Components:

#### **Doxycycline Hyclate:**

Partition coefficient: n-	:	log Pow: 0.02
octanol/water		

#### 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 Endocrine disrupting properties**

#### Product:

Assessment

: The substance/mixture does not contain components consid-



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			REACH Article 57	ocrine disrupting properties according to 7(f) or Commission Delegated regulation or Commission Regulation (EU) 2018/605 at higher.		
	<b>r adverse effects</b> ata available					
SECTION	l 13: Disposal consi	dera	ations			
13.1 Wast	e treatment methods					
Product : Contaminated packaging :		Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do not dispose of waste into sewer. 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 infor	rmat	tion			
14.1 UN n	umber or ID number					
ADN		:	UN 3077			
ADR		:	UN 3077			
RID		:	UN 3077			
IMDG	ì	:	UN 3077			
ΙΑΤΑ		:	UN 3077			
14.2 UN p	roper shipping name					
ADN		:	ENVIRONMENT N.O.S. (Doxycycline Hyc	ALLY HAZARDOUS SUBSTANCE, SOLID,		
ADR	DR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, S N.O.S. (Doxycycline Hyclate)					
RID		:	ENVIRONMENT/ N.O.S. (Doxycycline Hyc	ALLY HAZARDOUS SUBSTANCE, SOLID,		
IMDG	IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, S N.O.S. (Doxycycline Hyclate)					

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14.3	Trans	port hazard class(es)			
				Class	Subsidiary risks
	ADN		:	9	
	ADR		:	9	
I	RID		:	9	
I	IMDG		:	9	
I	ΙΑΤΑ		:	9	
14.4	Packiı	ng group			
	Classif	g group fication Code d Identification Number	: :	III M7 90 9	
	Classif Hazaro Labels	g group fication Code d Identification Number I restriction code	:	III M7 90 9 (-)	
	Classif	g group fication Code d Identification Number	: : :	III M7 90 9	
	<b>IMDG</b> Packin Labels EmS C		:	III 9 F-A, S-F	
	Packin aircraft Packin	g instruction (LQ)	:	956 Y956 III Miscellaneous	
	<b>IATA (</b> Packin ger air Packin	Passenger) g instruction (passen- craft) g instruction (LQ) g group	:	956 Y956 III Miscellaneous	
14.5	Enviro	onmental hazards			
I	<b>ADN</b> Enviro <b>ADR</b>	nmentally hazardous	:	yes	



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Environmentally hazardous	: yes	
<b>RID</b> Environmentally hazardous	: yes	
IMDG Marine pollutant	: yes	
IATA (Passenger) Environmentally hazardous	: yes	
IATA (Cargo) Environmentally hazardous	: 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 Maritime transport in bulk according to IMO instruments

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

REACH - Restrictions on the manufact the market and use of certain dangero mixtures and articles (Annex XVII)			Not applicable		
REACH - Candidate List of Substance Concern for Authorisation (Article 59).	s of Very High :		Not applicable		
Regulation (EC) on substances that de layer	plete the ozone :		Not applicable		
Regulation (EU) 2019/1021 on persister tants (recast)	ent organic pollu- :		Not applicable		
Regulation (EU) No 649/2012 of the E ment and the Council concerning the e of dangerous chemicals			Not applicable		
REACH - List of substances subject to (Annex XIV)	authorisation :		Not applicable		
Seveso III: Directive 2012/18/EU of the major-accident hazards involving dang	•	nt a	and of the Council o	on the control o	of
, 0 0			Quantity 1	Quantity 2	
			100 t	200 +	

		Quantity I	Quantity Z
E1	ENVIRONMENTAL	100 t	200 t
	HAZARDS		

## Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

The components of this product are reported in the following inventories: AICS : not determined



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DSL		:	not determined		
IECS	с	:	not determined		
A Chemic	nical safety assessmen al Safety Assessment ha I 16: Other informati	as n	ot been carried out		
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 t	ext of H-Statements				
H302		:	Harmful if swallow		
H400 H411		÷	Very toxic to aqua Toxic to aquatic li	atic life. fe with long lasting effects.	
Full t	ext of other abbreviation	ons	•		
Aqua IE OE	tic Acute tic Chronic EL		Ireland. List of Ch pational Exposure and 2	ic) aquatic hazard nemical Agents and Carcinogens with Occu- e Limit Values - Code of Practice, Schedule 1	
IE OE	EL / OELV - 8 hrs (TWA)	:	Occupational exp	osure limit value (8-hour 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 sub-



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Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.3	28.09.2024	6108669-00012	Date of first issue: 06.07.2020

stance; 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### Further information

Aquatic Chronic 2

Sources of key data used to compile the Safety Data Sheet		data from raw material SDSs, OECD esults and European Chemicals Agen- eu/
Classification of the mixtur	re:	Classification procedure:
Skin Corr. 1	H314	Based on product data or assessment
Eye Dam. 1	H318	Based on product data or assessment
Aquatic Acute 1	H400	Calculation method

Calculation method

H411

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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