

Chlorhexidine (20%) Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
1.12	06.09.2024	5499497-00013	Date of first issue: 17.03.2020

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

1.1	Product identifier Trade name	:	Chlorhexidine (20%) Formulation
1.2	Relevant identified uses of th	ne s	substance 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	saf	ety data sheet
	Company	:	MSD Kilsheelan Clonmel Tipperary, IE
	Telephone	:	353-51-601000
	E-mail address of person responsible for the SDS	:	EHSDATASTEWARD@msd.com

1.4 Emergency telephone number

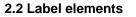
+1-908-423-6000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2 Specific target organ toxicity - repeated exposure, Category 2 Long-term (chronic) aquatic hazard, Category 2 H319: Causes serious eye irritation.H373: May cause damage to organs through prolonged or repeated exposure.H411: Toxic to aquatic life with long lasting effects.



Labelling (REGULATION (EC) No 1272/2008)

2

Hazard pictograms

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.



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		repeated expos	use damage to organs through prolonged or ure. aquatic life with long lasting effects.
Preca	utionary statements		kin thoroughly after handling. elease to the environment.
		-	/e protection/ face protection.
		Response:	diast advise (attention if you feel yourall
		P337 + P313 attention.	dical advice/ attention if you feel unwell. If eye irritation persists: Get medical advice/ spillage.

Hazardous components which must be listed on the label: Chlorhexidine

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Chlorhexidine	55-56-1 200-238-7	Acute Tox. 4; H302 Eye Irrit. 2; H319 STOT RE 2; H373 (Liver) Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute	>= 20 - < 25



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			aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1		

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 potential for exposure exists (see section 8).
	If inhaled	:	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
	In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention if symptoms occur.
	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.
	If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
4.2	Most important symptoms an	d e	ffects, both acute and delayed
	Risks	:	Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.
4.3	Indication of any immediate n	ned	lical attention and special treatment needed
	Treatment	:	Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1	Ex	tin	guis	hing	media	

Suitable extinguishing media : Water spray Alcohol-resistant foam Carbon dioxide (CO2)



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			Dry chemical	
Unsuitable extinguishing media		:	None known.	
5.2 Specia	I hazards arising from	the	e substance or mi	xture
Specif fighting	-	:	Exposure to com	oustion products may be a hazard to health.
Hazaro ucts	Hazardous combustion prod- ucts		Carbon oxides	
5.3 Advice	for firefighters			
•	al protective equipment fighters	:		e, wear self-contained breathing apparatus. tective equipment.
Specif ods	ic extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- the surrounding environment. to 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).
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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. Local authorities should be advised if significant spillages cannot be contained.
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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-



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	mine which regulations are applicable. Sections 13 and 15 of this SDS provide information rega certain local or national requirements.						
6.4 Refere	ence to other section	IS					
See section	ons: 7, 8, 11, 12 and 1	3.					
SECTION	N 7: Handling and s	storage					
7.1 Preca	utions for safe hand	ing					
Tech	nical measures	•	ing measures under EXPOSURE PERSONAL PROTECTION section.				
	l/Total ventilation e on safe handling	: Do not breath Do not swallo	Use only with adequate ventilation. Do not breathe mist or vapours. Do not swallow.				

Do not get in eyes. Avoid prolonged or repeated contact with skin. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment 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 in accordance with the particular national regulations.	
Advice on common storage	:	Do not store with the following product types: Strong oxidizing agents Gases	
7.3 Specific end use(s) Specific use(s)	:	No data available	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

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



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Components	CAS-No.	Value type (Form	Control parameters	Basis
		of exposure)		
Chlorhexidine	55-56-1	TWA	40 µg/m3 (OEB 3)	Internal
	Further information: RSEN, DSEN			
		Wipe limit	100 μg/100 cm2	Internal

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.

Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face containment devices).

Minimize open handling.

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
Remarks : Skin and body protection :	Consider double gloving. Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces. Use appropriate degowning techniques to remove potentially contaminated clothing.
Respiratory protection :	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 NS EN 143 Particulates type (P)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Colour	:	clear
Odour	:	odourless
Odour Threshold	:	No data available

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



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	Melting	point/freezing point	:	No data available	
	Initial b range	oiling point and boiling	:	No data available	
	Flamma	ability (solid, gas)	:	Not applicable	
	Flamma	ability (liquids)	:	No data available	
		explosion limit / Upper bility limit	:	No data available	
		explosion limit / Lower bility limit	:	No data available	
	Flash p	oint	:	No data available	
	Auto-ig	nition temperature	:	No data available	
	Decom	position temperature	:	No data available	
	рН		:	No data available	
	Viscosi Visc	ty cosity, kinematic	:	147 mm2/s	
	Solubili Wat	ty(ies) er solubility	:	soluble	
	Partitio octanol	n coefficient: n- /water	:	Not applicable	
	Vapour	pressure	:	No data available	
	Relative	e density	:	No data available	
	Density	,	:	1,06 - 1,07 g/cm ³	
	Relative	e vapour density	:	No data available	
		characteristics icle size	:	Not applicable	
9.2	Other in	formation			
	Explosi	ves	:	Not explosive	
	Oxidizir	ng properties	:	The substance or	mixture is not classified as oxidizing.

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



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Eva	aporation rate	:	No data available	9
Мо	lecular weight	:	No data available	9
SECTI	ON 10: Stability and rea	acti	vity	
	activity t classified as a reactivity h	aza	rd.	
10.2 Ch	emical stability able under normal condition			
10.3 Po	ssibility of hazardous rea	acti	ons	
	zardous reactions	:		rong oxidizing agents.
10.4 Co	onditions to avoid			
Co	nditions to avoid	:	None known.	
10.5 Inc	compatible materials			
Ма	terials to avoid	:	Oxidizing agents	
	zardous decomposition p hazardous decomposition			
SECTI	ON 11: Toxicological in	for	mation	
11.1 Inf	ormation on hazard class	ses	as defined in Reg	ulation (EC) No 1272/2008
Info	ormation on likely routes of bosure		Inhalation Skin contact Ingestion Eye contact	
Ac	ute toxicity			
No	t classified based on availa	ble	information.	
	oduct: ute oral toxicity	:	Acute toxicity esti Method: Calculati	mate: > 2.000 mg/kg on method
<u>Co</u>	mponents:			
Ch	lorhexidine:			
Ac	ute oral toxicity	:	LD50 Oral (Mouse	e): 1.260 mg/kg
			LD50 Oral (Rabbi	t): 1.100 mg/kg
			LD50 Oral (Rat): 2	2.000 mg/kg
Ac	ute toxicity (other routes of	:	LD50 (Rat): 21 mg	g/kg

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



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admir	nistration)		Application Rou	te: Intravenous
•	corrosion/irritation lassified based on av	ailable i	nformation.	
	es serious eye irritation		on	
Com	ponents:			
Chlo Spec Resu		-	Rabbit Mild eye irritatio	'n
Resp	iratory or skin sens	itisatio	า	
•	sensitisation lassified based on av	ailable i	nformation.	
•	iratory sensitisatior lassified based on av		nformation.	
	cell mutagenicity lassified based on av	ailable i	nformation.	
Com	ponents:			
Chlo	rhexidine:			
Geno	toxicity in vitro	:	Test Type: Back Result: negative	terial reverse mutation assay (AMES)
				omosomal aberration ninese hamster ovary cells e
Geno	toxicity in vivo	:	Test Type: dom Species: Mouse Result: negative	9
			Test Type: Cytc Species: Hamst Result: negative	ter
	i nogenicity lassified based on av	ailable i	nformation.	
Com	ponents:			
	rhexidine:			
	ies cation Route sure time	:	Rat oral (drinking wa 2 Years	ater)

Frequency of Treatment



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-	NOAEL Result		38 mg/kg body w negative	reight
App Exp Fre NO	Species Application Route Exposure time Frequency of Treatment NOAEL Result		Rat oral (drinking wat 2 Years daily 158 mg/kg body negative	
-	productive toxicity classified based on avail	lable	information.	
<u>Co</u>	mponents:			
	Chlorhexidine: Effects on fertility		Species: Rat Fertility: NOAEL:	100 mg/kg body weight
Effe mei	ects on foetal develop- nt	:	Species: Rat Developmental T	oxicity: NOAEL: 300 mg/kg body weight
			Species: Rabbit Developmental T	oxicity: NOAEL: 40 mg/kg body weight
	DT - single exposure classified based on avail	lable	information.	
	OT - repeated exposure / cause damage to organ		ough prolonged or	repeated exposure.
<u>Co</u>	nponents:			
Tar	orhexidine: get Organs essment	:	Liver May cause dama exposure.	ige to organs through prolonged or repeated
Rep	peated dose toxicity			
<u>Co</u> ı	nponents:			
Chl	orhexidine:			
NO App	ecies AEL olication Route oosure time	:	Rat 158 mg/kg Oral 2 yr	

Species	:	Rabbit
LOAEL	:	250 mg/kg
Application Route	:	Dermal
Exposure time	:	13 Weeks



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Targe	et Organs	: Skin, Liver	
•	ration toxicity lassified based on av	ailable information.	
11.2 Infor	mation on other haz	ards	
Endo	crine disrupting pro	perties	
Prod Asse	<u>uct:</u> ssment	ered to have REACH Artic	ce/mixture does not contain components consid- endocrine disrupting properties according to le 57(f) or Commission Delegated regulation 00 or Commission Regulation (EU) 2018/605 at 6 or higher.
Expe	rience with human e	exposure	
Com	ponents:		
Chlo	rhexidine:		
Gene Inhala	ral Information ation		
Inges	tion	: Target Orgar	Gastrointestinal disturbance, Gastrointestinal tract

12.1 Toxicity

Components:	
Chlorhexidine:	
Toxicity to fish	 (Fish): 2,088 mg/l Exposure time: 96 h Method: ECOSAR (Ecological Structure Activity Relation- ships)
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 0,222 mg/l Exposure time: 48 h Method: ECOSAR (Ecological Structure Activity Relation- ships)
Toxicity to algae/aquatic plants	 ErC50 (Pseudokirchneriella subcapitata (green algae)): 1,124 mg/l End point: Growth rate Exposure time: 96 hrs Method: ECOSAR (Ecological Structure Activity Relation-ships)

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M-Fa icity)	ctor (Acute aquatic tox-	:	1	
M-Fa toxicit	ctor (Chronic aquatic y)	:	1	
12.2 Persi	stence and degradabi	lity		
Com	oonents:			
	hexidine: gradability	:	Remarks: Not inf	nerently biodegradable.
12.3 Bioa	ccumulative potential			
Com	oonents:			
Partiti	hexidine: on coefficient: n- ol/water	:	log Pow: 4,85	
12.4 Mobi No da	lity in soil Ita available			
12.5 Resu	Its of PBT and vPvB a	sse	ssment	
Prod	uct:			
Asses	ssment	:	to be either persi	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of
12.6 Endo	crine disrupting prope	ertie	S	
Prod	uct:			
Asses	ssment	:	ered to have end REACH Article 5	hixture does not contain components consid- locrine disrupting properties according to 7(f) or Commission Delegated regulation or Commission Regulation (EU) 2018/605 at higher.
12.7 Othe	r adverse effects			
	ata available			
SECTION	I 13: Disposal consi	der	ations	

13.1 Waste treatment methods

Product

Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

:



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Contaminated packaging		:	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.		
SEC	CTION	14: Transport infor	mat	ion	
14.1	UN nu	mber or ID number			
	ADN		:	UN 3082	
	ADR		:	UN 3082	
	RID		:	UN 3082	
	IMDG		:	UN 3082	
	ΙΑΤΑ		:	UN 3082	
14.2	UN pr	oper shipping name			
	ADN		:	ENVIRONMENTA N.O.S. (Chlorhexidine)	ALLY HAZARDOUS SUBSTANCE, LIQUID,
	ADR		:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorhexidine)	
	RID		:	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUIE N.O.S. (Chlorhexidine)	
	IMDG		:	ENVIRONMENTA N.O.S. (Chlorhexidine)	ALLY HAZARDOUS SUBSTANCE, LIQUID,
	ΙΑΤΑ		:	Environmentally h (Chlorhexidine)	nazardous substance, liquid, n.o.s.
14.3	Trans	port hazard class(es)			
				Class	Subsidiary risks
	ADN		:	9	
	ADR		:	9	
	RID		:	9	
	IMDG		:	9	
	ΙΑΤΑ		:	9	
14.4 Packing group					
		g group ication Code	:	III M6	

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	Hazard Labels	Identification Number	:	90 9	
F (Hazard Labels	g group cation Code Identification Number restriction code	:	III M6 90 9 (-)	
F (g group cation Code Identification Number	:	III M6 90 9	
F	IMDG Packing Labels EmS Co		:	III 9 F-A, S-F	
 a 	aircraft)	instruction (cargo	:	964 Y964 III Miscellaneous	
F Q F F	Packing ger airc	instruction (LQ)	:	964 Y964 III Miscellaneous	
14.5	Enviro	nmental hazards			
	ADN Environ	mentally hazardous	:	yes	
	ADR Environ	mentally hazardous	:	yes	
	RID Environ	mentally hazardous	:	yes	
	IMDG Marine	pollutant	:	yes	
		Passenger) mentally hazardous	:	yes	
	IATA (C Environ	Cargo) mentally 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



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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 manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	ŀ	Conditions of restriction for the fol- owing entries should be considered: Number on list 3
	r t c	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 condi- tions in corresponding Regulation to determine whether an entry is appli- cable to the placing on the market or not.
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	: 1	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	: 1	Not applicable
Regulation (EC) on substances that deplete the ozone layer	: 1	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	: 1	Not applicable
Regulation (EU) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals	: 1	Not applicable
Seveso III: Directive 2012/18/EU of the European Parlian	nent a	and of the Council on the control of

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		Quantity	Quantity Z
E2	ENVIRONMENTAL	200 t	500 t
	HAZARDS		

Other regulations:

Note the regulation on organization, leadership and participation, chapter 12 on the work of children and young people.

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

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

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15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION '	16: Ot	her info	ormation
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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

H302	:	Harmful if swallowed.
H319	:	Causes serious eye irritation.
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.
Full text of other abl	breviations	
Acute Tox.	:	Acute toxicity

sure
5

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 -



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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

Sheet	cy, http://echa.europa.eu/	
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-	

H319	Calculation method
H373	Calculation method
H411	Calculation method
	H319 H373

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