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Chlorhexidine (4.79%) Formulation

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

1.1 Product identifier

Trade name : Chlorhexidine (4.79%) Formulation

Other means of identification : Hibitane (A000585)

1.2 Relevant identified uses of the 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 safety 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)

Eye irritation, Category 2H319: Causes serious eye irritation.Long-term (chronic) aquatic hazard, Category 2H411: Toxic to aquatic life with long lasting effects.

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)

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Haza	rd pictograms	:		¥2
Signa	al word	:	Warning	•
Haza	rd statements	:		Causes serious eye irritation. Toxic to aquatic life with long lasting effects.
Preca	autionary statements	:		Wash skin thoroughly after handling. Avoid release to the environment.
				Wear eye protection/ face protection.
			Response:	
				attention.
			P391	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.

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 aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	>= 2.5 - < 10
Nonylphenol, ethoxylated	9016-45-9	Acute Tox. 4; H302 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1;	>= 1 - < 2.5

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			H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 10	

For explanation of abbreviations see section 16.

SECTION 4: First aid measures	
4.1 Description of first aid measures	

4.1 Description of first aid meas	ures	5
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 a	nd e	effects, both acute and delayed
Risks	:	Causes serious eye irritation.
4.3 Indication of any immediate	mec	dical attention and special treatment needed

- Treatment
- : Treat symptomatically and supportively.

SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing media	:	Water spray

Alcohol-resistant foam

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			Carbon dioxide (0 Dry chemical	002)
Unsuitable extinguishing media		:	None known.	
5.2 Spe	cial hazards arising from	n the	e substance or mi	xture
	ecific hazards during fire- nting	:	Exposure to com	oustion products may be a hazard to health.
Ha uc	zardous combustion prod- s	:	Carbon oxides	
5.3 Adv	rice for firefighters			
Sp	ecial protective equipment firefighters	:		e, wear self-contained breathing apparatus. tective equipment.
Sp od	ecific extinguishing meth- s	:	cumstances and Use water spray	g 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.
		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 containment 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 absorbent. Local or national regulations may apply to releases and dispersional of this material on well as these materials and items.
	posal of this material, as well as those materials and items

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		mine which reg Sections 13 an	e cleanup of releases. You will need to deter- julations are applicable. d 15 of this SDS provide information regarding national requirements.	
	ence to other sections ns: 7, 8, 11, 12 and 13.			
	I 7: Handling and st			
7.1 Preca	utions for safe handlir	ng		
	nical measures	: See Engineerir	ng measures under EXPOSURE	
Local	/Total ventilation		ERSONAL PROTECTION section. adequate ventilation.	
	e on safe handling	: Do not breathe Do not swallow Do not get in e Avoid prolonge Wash skin thor Handle in acco practice, based sessment	mist or vapours.	
Hygie	ne measures	flushing system place. When us nated clothing The effective o engineering co appropriate de industrial hygie	 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 contami- nated 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 Condi	tions for safe storage	including any inco	mpatibilities	
Requi	irements for storage and containers	: Keep in proper	ly labelled containers. Store in accordance with ational regulations.	

Advice on common storage	:	Do not store with the following product types: Strong oxidizing agents Gases	
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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

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	Compo	onents	CAS-No.	Value type (Form	Control parameters	Basis

Components	CA3-N0.	value type (i onn	Control parameters	Dasis
		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:Filter type:	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 Particulates type (P)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Colour Odour Odour Threshold	 Aqueous solution blue No data available No data available
рН	: 5.55 - 6.65 (20 °C)

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	Melting	point/freezing point	:	No data available	9
		oiling point and boiling	:	No data available)
	range Flash p	oint	:	No data available)
	Evapor	ation rate	:	No data available)
	Flamma	ability (solid, gas)	:	Not applicable	
		explosion limit / Upper bility limit	:	No data available	
		explosion limit / Lower bility limit	:	No data available	
	Vapour	pressure	:	No data available)
	Relative	e vapour density	:	No data available)
	Relative	e density	:	1.010 - 1.020	
	Density	,	:	No data available	
	Partition octanol	er solubility n coefficient: n- /water	:	No data available Not applicable	
	Auto-ig	nition temperature	:	No data available	
	Decom	position temperature	:	No data available	
	Viscosi Visc	ty osity, kinematic	:	No data available	
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance of	r mixture is not classified as oxidizing.
9.2	Other in	formation			
	Flamma	ability (liquids)	:	No data available	9
	Molecu	lar weight	:	No data available)
	Particle	size	:	Not applicable	

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

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10.2 Ch	emical stability			
Stal	ble under normal condition	ns.		
	ssibility of hazardous re	acti	ons	
Haz	ardous reactions	:	Can react with s	trong oxidizing agents.
10.4 Co	nditions to avoid			
	nditions to avoid		None known.	
10.5 Inc	ompatible materials			
Mat	erials to avoid	:	Oxidizing agents	3
			• •	
	zardous decomposition	•		
INO	hazardous decomposition	i pro	ducts are known.	
SECTIC	ON 11: Toxicological in	nfoi	mation	
	ormation on toxicologica			
	rmation on likely routes o osure	T :	Inhalation Skin contact	
eb			Ingestion	
			Eye contact	
	ite toxicity			
Not	classified based on availa	able	information.	
<u>Pro</u>	duct:			
Acu	te oral toxicity	:	Acute toxicity est Method: Calculat	imate: > 2,000 mg/kg
			Method: Calculat	ion method
Cor	nponents:			
	orhexidine:			
	ornexidine: ite oral toxicity		LD50 Oral (Mous	e): 1,260 ma/ka
,		•		
			LD50 Oral (Rabb	it): 1,100 mg/kg
			LD50 Oral (Rat):	2,000 mg/kg
Acu	te toxicity (other routes of	f:	LD50 (Rat): 21 m	na/ka
	ninistration)		Application Route	
II				
	nylphenol, ethoxylated:			
Acu	ite oral toxicity	:	LD50 (Rat): 500 ·	- 2,000 mg/kg
Ski	n corrosion/irritation			
-	classified based on availa	able	information.	
		-		

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Components:

Nonylphenol, ethoxylated:

Species	: Rabbit
Method	: OECD Test Guideline 404
Species Method Result	: No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:

Chlorhexidine:

Species Result	:	Rabbit
Result	:	Mild eye irritation

Nonylphenol, ethoxylated:

Species Method Result	:	Rabbit
Method	:	OECD Test Guideline 405
Result	:	Irreversible effects on the eye

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

Nonylphenol, ethoxylated:

:	Maximisation Test
:	Skin contact
:	Guinea pig
:	negative
:	Based on data from similar materials
	: : :

Germ cell mutagenicity

Not classified based on available information.

Components:

Chlorhexidine:

Genotoxicity in vitro	: Test Type: Bacterial reverse mutation assay (AMES) Result: negative
	Test Type: Chromosomal aberration Test system: Chinese hamster ovary cells Result: negative
Genotoxicity in vivo	: Test Type: dominant lethal test

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			ve togenetic assay
		Species: Ham Result: negati	
Nonv	Iphenol, ethoxylated		
	toxicity in vitro	: Test Type: Ba Result: negati	cterial reverse mutation assay (AMES) ve ed on data from similar materials
	nogenicity lassified based on ava	ilable information.	
Com	oonents:		
Chlor	hexidine:		
Expos	cation Route sure time lency of Treatment EL	: Rat : oral (drinking v : 2 Years : daily : 38 mg/kg body : negative	
Expos	cation Route sure time lency of Treatment EL	: Rat : oral (drinking v : 2 Years : daily : 158 mg/kg boo : negative	
•	oductive toxicity lassified based on ava	ilable information	
	oonents:		
	hexidine:		
	s on fertility	: Species: Rat Fertility: NOA	EL: 100 mg/kg body weight
Effect ment	s on foetal develop-	: Species: Rat Developmenta	al Toxicity: NOAEL: 300 mg/kg body weigh
		Species: Rabb Developmenta	oit al Toxicity: NOAEL: 40 mg/kg body weight

Not classified based on available information.

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	F - repeated exposure					
Not c	lassified based on avai	lable	information.			
<u>Com</u>	ponents:					
Chlo	rhexidine:					
	Target Organs Assessment		 Liver May cause damage to organs through prolonged or repeated exposure. 			
Repe	ated dose toxicity					
<u>Com</u>	ponents:					
Chlo	rhexidine:					
		:	Rat 158 mg/kg Oral 2 yr			
Expo		:	Rabbit 250 mg/kg Dermal 13 Weeks Skin, Liver			
-	ration toxicity lassified based on avai	lable	information.			
Expe	rience with human ex	ροςι	ire			
Com	ponents:					
Chlo	rhexidine:					
Gene Inhala Inges		:	in the chest, upp			
	12. Ecological info		damage	rointestinal disturbance, Gastrointestinal tract		

SECTION 12: Ecological information

12.1 Toxicity

Components:

Chlorhexidine:

Toxicity to fish

(Fish): 2.088 mg/l Exposure time: 96 h Method: ECOSAR (Ecological Structure Activity Relationships)

:

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	ity to daphnia and other ic invertebrates	:	Exposure time: 48	agna (Water flea)): 0.222 mg/l h (Ecological Structure Activity Relation-
Toxici plants	ity to algae/aquatic	:	mg/l End point: Growth Exposure time: 96	
M-Fac icity)	ctor (Acute aquatic tox-	:	1	
M-Fac toxicit	ctor (Chronic aquatic y)	:	1	
Nony	Iphenol, ethoxylated:			
Toxici	ity to fish	:	Exposure time: 96	s promelas (fathead minnow)): > 0.1 - 1 mg/l i h on data from similar materials
	ity to daphnia and other ic invertebrates	:	Exposure time: 48	nia dubia (water flea)): > 0.1 - 1 mg/l h on data from similar materials
Toxici plants	ity to algae/aquatic	:	mg/l Exposure time: 72 Method: OECD Te	
			Exposure time: 72 Method: OECD Te	
M-Fac icity)	ctor (Acute aquatic tox-	:	1	
Toxici icity)	ity to fish (Chronic tox-	:		
	ity to daphnia and other ic invertebrates (Chron- icity)	:		
M-Fac	ctor (Chronic aquatic	:	10	

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toxicit	y)			
12.2 Persi	stence and degradabi	lity		
Comp	oonents:			
Chlor	hexidine:			
Biode	gradability	:	Remarks: Not inf	erently biodegradable.
	Iphenol, ethoxylated:			
Biode	gradability	:	Result: Not readi Remarks: Based	y biodegradable. on data from similar materials
12.3 Bioad	cumulative potential			
Comp	oonents:			
Chlor	hexidine:			
	on coefficient: n- ol/water	:	log Pow: 4.85	
	Iphenol, ethoxylated:			
	on coefficient: n- ol/water	:	log Pow: 4.48	
12.4 Mobi	lity in soil			
	ta available			
12.5 Resu	Its of PBT and vPvB a	sse	ssment	
Produ				
Asses	sment	:	to be either persi	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of
12.6 Other	adverse effects			
Produ	<u>uct:</u>			
Endoo tial	crine disrupting poten-	:		nixture contains components considered to lisrupting properties for environment accord- A Article 57(f).
Comp	oonents:			
Nony	Iphenol, ethoxylated:			
Endoo tial	crine disrupting poten-	:		considered to have endocrine disrupting ling to UK REACH Article 57(f) for environ-



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SECTION 13: Disposal considerations

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. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do 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

IMDG

	ADN	:	UN 3082	
	ADR	:	UN 3082	
	RID	:	UN 3082	
	IMDG	:	UN 3082	
	ΙΑΤΑ	:	UN 3082	
14.2	2 UN proper shipping name			
	ADN	:	ENVIRONMENTALL N.O.S. (Chlorhexidine, Nony	Y HAZARDOUS SUBSTANCE, LIQUID,
	ADR	:	ENVIRONMENTALL' N.O.S. (Chlorhexidine, Nony	Y HAZARDOUS SUBSTANCE, LIQUID,
	RID	:	ENVIRONMENTALL' N.O.S. (Chlorhexidine, Nony	Y HAZARDOUS SUBSTANCE, LIQUID,
	IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chlorhexidine, Nonylphenol, ethoxylated)	
	ΙΑΤΑ	:	Environmentally hazardous substance, liquid, n.o.s. (Chlorhexidine, Nonylphenol, ethoxylated)	
14.3	3 Transport hazard class(es)			
			Class	Subsidiary risks
	ADN	:	9	
	ADR	:	9	
	RID	:	9	

: 9

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	IATA Packin	ig group	:	9	
	ADN Packing Classifi		: : : :	III M6 90 9	
	Hazard Labels	g group cation Code Identification Number restriction code		III M6 90 9 (-)	
		g group cation Code Identification Number		III M6 90 9	
	IMDG Packing Labels EmS Co		:	III 9 F-A, S-F	
	aircraft)	g instruction (cargo) g instruction (LQ)	: : : :	964 Y964 III Miscellaneous	
	Packing ger airc	g 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) Imentally hazardous	:	yes	

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

Remarks : Not applicable for pro	Juct as supplied.
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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 restri lowing entries shou Number on list 3	
UK REACH List of restrictions (An	nex 17)		Number on list 46b ethoxylated	: Nonylphenol,
	(-)		Number on list 46a ethoxylated	.: Nonylphenol,
UK REACH List of restrictions (Annex 17)			Substance(s) or mi here according to t in the regulation, ir use/purpose or the restriction. Please tions in correspond determine whether cable to the placing not.	heir appearance respective of their conditions of the refer to the condi- ling Regulation to an entry is appli-
UK REACH Candidate list of subs concern (SVHC) for Authorisation	tances of very high	:	Nonylphenol, etho	kylated
The Persistent Organic Pollutants Regulation (EU) 2019/1021 as arr ain)		:	Not applicable	
Regulation (EC) on substances that deplete the ozone layer		:	Not applicable	
UK REACH List of substances subject to authorisation (Annex XIV)		:	Nonylphenol, etho	kylated
GB Export and import of hazardou Informed Consent (PIC) Regulation Control of Major Accident Hazards	n	: MA		
E2	ENVIRONMENTAL HAZARDS		Quantity 1 200 t	Quantity 2 500 t

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

AICS	:	not determined
DSL	:	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	
H302 :	Harmful if swallowed.
H318 :	Causes serious eye damage.
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 abbreviation	S
Acute Tox. :	Acute toxicity
Aquatic Acute :	Short-term (acute) aquatic hazard
Aquatic Chronic :	Long-term (chronic) aquatic hazard
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
STOT RE :	Specific target organ toxicity - repeated exposure
	ncerning the International Carriage of Dangerous Goods by Inland 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 - Interna-

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



Chlorhexidine (4.79%) Formulation

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tional 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 compile the Safety Data Sheet) :	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/	
Classification of the mixtu	ıre:		Classification procedure:
Eye Irrit. 2	H3	19	Calculation method
Aquatic Chronic 2	H4	11	Calculation method

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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