according to Regulation (EC) No. 1907/2006



Wet Wipe Chlorine Disinfection+Detergent

Version	Revision Date
01.02	24.06.2023

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

1.1 Product identifier		
Trade name	:	Wet Wipe Chlorine Disinfection+Detergent activated
1.2 Relevant identified uses of the	he s	ubstance or mixture and uses advised against
Use of the Sub- stance/Mixture	:	Health services, Biocidal products Disinfectants and algaecides not intended for direct applica- tion to humans or animals, Veterinary hygiene
Recommended restrictions on use	:	Restricted to professional users.
1.3 Details of the supplier of the	saf	ety data sheet
Manufacturer/ Supplier	:	Wet Wipe A/S

	Vallensbaekvej 65
	2625 Vallensbaek Denmark Telephone: +45 70 266 244 www.wetwipe.eu info@wetwipe.eu
E-mail address of person : responsible for the SDS/Contact person	ChemicalCompliance@schuelke.com
Fmergency telephone number	

1.4 Emergency telephone number

Emergency telephone num- : +45 82 12 12 12 ber

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

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.

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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

Chemical nature	:	Aqueous containing solution on non-woven
Components Remarks	:	No hazardous ingredients

SECTION 4: First aid measures

4.1 Description of first aid measures			
General advice	:	Take off contaminated clothing and shoes immediately.	
If inhaled	:	If symptoms persist, call a physician.	
In case of skin contact	:	Wash with water and soap as a precaution. If symptoms persist, call a physician.	
In case of eye contact	:	Flush eyes with water as a precaution. If eye irritation persists, consult a specialist.	
If swallowed	:	Do NOT induce vomiting. Drink water as a precaution. Consult a physician if necessary.	

4.2 Most important symptoms and effects, both acute and delayed

Symptoms		Treat symptomatically.
Symptoms	•	meal symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

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Treatment : For specialist advice physicians should contact the Poisons
Information Service.
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SECTION 5: Firefighting measures

5.1 Extinguishing m	nedia			
Suitable extingu	ishing media :	Dry powder Carbon diox Water spray Foam		
Unsuitable extin media	guishing :	Do NOT use	e water jet.	

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Wat Wine Chlorine Disinfection+Determent

Wet Wipe	Chlorine Disi	inf	ection+Detergent
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5.2 Special ha	zards arising from	the	e substance or mixture
	s combustion prod-		
5.3 Advice for	firefighters		
Special pr for firefigh		:	In the event of fire, wear self-contained breathing apparatus.
SECTION 6:	Accidental releas	se r	neasures
6.1 Personal p	precautions, protec	tive	e equipment and emergency procedures
Personal	precautions	:	Use personal protective equipment.
6.2 Environme	ental precautions		
	ental precautions	:	Do not flush into surface water or sanitary sewer system.
6.3 Methods a	nd material for cor	ntai	nment and cleaning up
	or cleaning up	:	Use mechanical handling equipment. Clean contaminated surface thoroughly.
6.4 Reference see Section 8 -	to other sections + 13		
SECTION 7:	Handling and sto	oraç	ge
7 1 Procention	ns for safe handling	2	
	safe handling	9 :	Wear personal protective equipment.
	sale hundling	•	Ensure adequate ventilation.
Advice on fire and ex	protection against vplosion	:	No special protective measures against fire required.
Hygiene n	neasures	:	Keep away from food and drink.
7.2 Conditions	s for safe storage, i	incl	luding any incompatibilities
	ents for storage containers	:	Store in original container.

Further information on stor- age conditions	:	Keep container tightly closed. Recommended storage tem- perature: 0°C - 30°C

7.3 Specific end use(s)

: Use biocides safely. Always read the label and product infor-Specific use(s) mation before use.

according to Regulation (EC) No. 1907/2006



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipme	nt
Eye/face protection	not required under normal use If splashes are likely to occur, wear: Safety glasses with side-shields conforming to EN166
Hand protection	
Remarks	 Splash protection: disposable nitrile rubber gloves e.g. Dermatril (layer thickness: 0.11 mm) made by KCL or gloves from other manufacturers offering the same protection.
Skin and body protection Respiratory protection	 Work uniform or laboratory coat. No personal respiratory protective equipment normally required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour Odour Melting point	:	Aqueous containing solution on non-woven colourless slight chlorine not determined
Decomposition temperature		not determined
Boiling point/boiling range	:	not determined
Flammability	:	not determined
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Flash point	:	not determined
рН	:	6 - 8 of the active solution
Viscosity Viscosity, kinematic	:	not determined
Solubility(ies) Water solubility	:	Not applicable
Partition coefficient: n- octanol/water	:	log Pow: -0,006 of the active solution

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Vapour p	pressure	:	not determined
Density		:	not determined
Relative	vapour density	:	not determined
9.2 Other infe Explosive		:	Not explosive
Oxidizing	g properties	:	The substance or mixture is not classified as oxidizing.
Self-ignit	ion	:	not determined
Metal co	rrosion rate	:	Not applicable
Evaporat	tion rate	:	not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions	:	Contact with acids liberates toxic gas.
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10.4 Conditions to avoid

Conditions to avoid	:	Avoid temperatures above 60°C, direct sunlight and contact
		with sources of heat.

10.5 Incompatible materials

Materials to avoid : Incompatible with strong acids and oxidizing agents.

10.6 Hazardous decomposition products

Hazardous decomposition products will be formed at elevated temperatures. Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx) Chlorine compounds

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

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Serious eye damage/eye irritation Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

according to Regulation (EC) No. 1907/2006



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Assessment	: This substance/mixture contains no components conside to be either persistent, bioaccumulative and toxic (PBT), very persistent and very bioaccumulative (vPvB) at levels 0.1% or higher.	or
12.6 Endocrine disrupting prop	rties	
Product:		
Assessment	 The substance/mixture does not contain components con- ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/60 levels of 0.1% or higher. 	l
12.7 Other adverse effects		
No data available		
SECTION 13: Disposal consi	lerations	
13.1 Waste treatment methods		
15.1 Waste treatment methods		
Product	: Disposal together with normal waste is not allowed. Spec disposal required according to local regulations.	ial
Product Contaminated packaging		
Contaminated packaging	disposal required according to local regulations.Empty containers should be taken to an approved waste dling site for recycling or disposal.	
Contaminated packaging SECTION 14: Transport info	disposal required according to local regulations.Empty containers should be taken to an approved waste dling site for recycling or disposal.	
Contaminated packaging SECTION 14: Transport info	disposal required according to local regulations.Empty containers should be taken to an approved waste dling site for recycling or disposal.	
Contaminated packaging SECTION 14: Transport info 14.1 UN number or ID number	 disposal required according to local regulations. Empty containers should be taken to an approved waste dling site for recycling or disposal. 	
Contaminated packaging SECTION 14: Transport info 14.1 UN number or ID number ADR	 disposal required according to local regulations. Empty containers should be taken to an approved waste dling site for recycling or disposal. mation Not regulated as a dangerous good	
Contaminated packaging SECTION 14: Transport info 14.1 UN number or ID number ADR IMDG IATA	 disposal required according to local regulations. Empty containers should be taken to an approved waste dling site for recycling or disposal. mation Not regulated as a dangerous good Not regulated as a dangerous good 	
Contaminated packaging SECTION 14: Transport info 14.1 UN number or ID number ADR IMDG IATA	 disposal required according to local regulations. Empty containers should be taken to an approved waste dling site for recycling or disposal. mation Not regulated as a dangerous good Not regulated as a dangerous good 	
Contaminated packaging SECTION 14: Transport info 14.1 UN number or ID number ADR IMDG IATA 14.2 UN proper shipping name	 disposal required according to local regulations. Empty containers should be taken to an approved waste dling site for recycling or disposal. mation Not regulated as a dangerous good Not regulated as a dangerous good Not regulated as a dangerous good 	

14.3 Transport hazard class(es)		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.4 Packing group		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good

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IATA (Cargo)	: Not regulated as a dang	erous good
IATA (Passenger)	: Not regulated as a dang	erous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable For personal protection see section 8.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufacture, placing the market and use of certain dangerous substand mixtures and articles (Annex XVII)	es,
Regulation (EC) No 649/2012 of the European Pa ment and the Council concerning the export and in of dangerous chemicals	
REACH - Candidate List of Substances of Very Hi Concern for Authorisation (Article 59).	gh : Not applicable
Regulation (EC) No 1005/2009 on substances that plete the ozone layer	t de- : Not applicable
Regulation (EU) 2019/1021 on persistent organic tants (recast)	pollu- : Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	on : Not applicable
Seveso III: Directive 2012/18/EU of the Euro- pean Parliament and of the Council on the control of major-accident hazards involving dangerous substances.	Not applicable
MAL-Code-Number : 0-1 (1993)	
5 1	75/EU of 24 November 2010 on industrial grated pollution prevention and control)
Product-specific registration- : 4498126 no.	
15.2 Chemical safety assessment	

Exempt

according to Regulation (EC) No. 1907/2006



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SECTION 16: Other information

Full text of other abbreviations

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

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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SECTION	1: Identification of	the	substance/mixture and of the company/undertaking
1.1 Product	tidentifier		
Trade r	name	:	Wet Wipe Chlorine Disinfection+Detergent non activ
1.2 Relevan	nt identified uses of t	he s	substance or mixture and uses advised against
• · ·	the Sub- Mixture	:	Health services, Biocidal products Disinfectants and algaecides not intended for direct applica- tion to humans or animals, Veterinary hygiene
Recom on use	mended restrictions	:	Restricted to professional users.
1.3 Details	of the supplier of the	sat	fety data sheet
Manufa	cturer/ Supplier	:	Wet Wipe A/S Vallensbaekvej 65
			2625 Vallensbaek Denmark Telephone: +45 70 266 244 www.wetwipe.eu info@wetwipe.eu
respons	address of person sible for the ontact person	:	ChemicalCompliance@schuelke.com
1.4 Emerge	ncy telephone numb	er	
Emerge ber	ency telephone num-	:	+45 82 12 12 12

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

asting

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Wet Wipe Chlorine Disinfection+Detergent

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Hazard pic	ctograms	:	!
Signal wor	rd	:	Warning
Hazard sta	atements	:	 H302 Harmful if swallowed. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H410 Very toxic to aquatic life with long lasting effects.
Suppleme Statement	ntal Hazard is	:	EUH031 Contact with acids liberates toxic gas.
Precautior	nary statements	:	Prevention: P273 Avoid release to the environment.
			Response:P301 + P312 + P330IF SWALLOWED: Call a POISONCENTER/ doctor if you feel unwell. Rinse mouth.P305 + P351 + P338IF IN EYES: Rinse cautiously with wa-ter for several minutes. Remove contact lenses, if present andeasy to do. Continue rinsing.P391Collect spillage.
			Disposal: P501 Dispose of contents/ container to an approved waste

disposal plant.

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

3.1 Substances

Hazardous components

Registration number		Chemical name	CAS-No. EC-No.	Classification	Concentration (% w/w)
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troclose	ne sodium, dihydrate	613-030-01-7 51580-86-0 220-767-7 01-2119489371-33- XXXX	Acute Tox. 4; H302 Eye Irrit. 2; H319 STOT SE 3; H335 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	>= 90 - <= 100

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-

General advice	:	In the case of accident of if you feel unwell, seek medical ad- vice immediately (show the label where possible). Show this safety data sheet to the doctor in attendance.
If inhaled	:	IF INHALED: Remove person to fresh air and keep comforta- ble for breathing. Call a physician or poison control centre immediately.
In case of skin contact	:	Wash off with plenty of water. If skin irritation persists, call a physician.
In case of eye contact	:	In case of eye contact, remove contact lens and rinse imme- diately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
If swallowed	:	Rinse mouth. Do NOT induce vomiting. Call a physician immediately.
4.2 Most important symptoms ar	nd e	effects, both acute and delayed
Symptoms	:	Treat symptomatically.
Risks	:	Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation.
4.3 Indication of any immediate	meo	dical attention and special treatment needed
Treatment	:	For specialist advice physicians should contact the Poisons Information Service.
SECTION 5: Firefighting meas	sur	es
5.1 Extinguishing media		
Suitable extinguishing media	:	Dry powder Carbon dioxide (CO2) Water spray jet

according to Regulation (EC) No. 1907/2006

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		Foam
Unsuitab media	le extinguishing	: Do NOT use water jet.
5.2 Special h	azards arising from t	he substance or mixture
Hazardou ucts	us combustion prod-	 Carbon dioxide (CO2), carbon monoxide (CO), oxides of ni- trogen (NOx) Gaseous hydrogen chloride (HCI).
5.3 Advice fo	or firefighters	
Special p for firefig		: In the event of fire, wear self-contained breathing apparatus.
SECTION 6:	Accidental release	e measures
6.1 Personal	precautions, protect	ive equipment and emergency procedures
	precautions	: Avoid breathing dust.
		Ensure adequate ventilation.
		Use personal protective equipment.
6 2 Environm	ental precautions	
	nental precautions	: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
6.3 Methods	and material for con	tainment and cleaning up
	for cleaning up	: Use mechanical handling equipment. Clean contaminated surface thoroughly.
6.4 Reference	e to other sections	
see Section 8	+ 13	
SECTION 7:	Handling and stor	age
7 1 Precautio	ons for safe handling	
	n safe handling	: Avoid dust formation.
	y	Ensure adequate ventilation.
Hygiene	measures	Avoid contact with skin and eyes. : Keep away from food and drink.
		ncluding any incompatibilities
Requiren	nents for storage d containers	: Keep only in the original container.
Further ir age cond	nformation on stor- litions	: Recommended storage temperature: 5 - 25°C
7) One-ifi-		
7.3 Specific e	ena use(s)	

according to Regulation (EC) No. 1907/2006



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Specific	use(s)	:	Use biocides safely. Always read the label and product infor- mation before use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
troclosene sodium, dihydrate	Workers	Inhalation	Long-term systemic effects	8,11 mg/m3
	Workers	Skin contact	Long-term systemic effects	2,3 mg/kg bw/day
sodium chloride	Workers	Dermal	Long-term systemic effects	295,5 mg/kg
	Workers	Inhalation	Long-term systemic effects	2069 mg/m3

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

Substance name	Environmental Compartment Value			
troclosene sodium, dihydrate	Fresh water	0,002 mg/l		
	Marine water	1,52 mg/l		
	Fresh water sediment	7,56 mg/kg dry weight (d.w.)		
	Sewage treatment plant	0,59 mg/l		
	Soil	0,756 mg/kg dry weight (d.w.)		
sodium chloride	Fresh water	5 mg/l		
	Sewage treatment plant	500 mg/l		
	Soil	4,86 mg/kg		

8.2 Exposure controls

Personal protective equipment

Eye/face protection Hand protection	:	Safety glasses with side-shields
Directive	:	The selected protective gloves have to satisfy the specifica- tions of Regulation (EU) 2016/425 and the standard EN 374 derived from it.
Remarks	:	Splash protection: disposable nitrile rubber gloves e.g. Dermatril (layer thickness: 0.11 mm) made by KCL or gloves from other manufacturers offering the same protection.
Skin and body protection	:	Work uniform or laboratory coat.
Respiratory protection	:	If the occupational exposure limits cannot be met, in excep- tional cases suitable respiratory equipment should be worn only for a short period of time. Equipment should conform to EN 140 Combined particulates and inorganic gas/vapour type

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour Odour Melting point/range	:	granular white slight chlorine Not applicable
Decomposition temperature		240 - 250 °C
Boiling point/boiling range	:	Not applicable
Flammability	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
рН	:	No data available
Viscosity Viscosity, dynamic	:	Not applicable
Solubility(ies) Water solubility	:	24 - 25 g/l
Partition coefficient: n- octanol/water	:	log Pow: 0,006
Vapour pressure	:	Not applicable
Density	:	1,083 g/cm3
Relative vapour density	:	Not applicable
9.2 Other information		
Explosives	:	No data available
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Self-ignition	:	not auto-flammable
Metal corrosion rate	:	Not applicable
Evaporation rate	:	Not applicable

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SECTION 10: Stability and reactivity

10.1 Reactivity

Contact with acids liberates toxic gas.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions	: No decomposition if stored and applied as directed. Heating can release hazardous gases.
10.4 Conditions to avoid	
Conditions to avoid	: Avoid temperatures above 60°C, direct sunlight and contact with sources of heat.
10.5 Incompatible materials	
Materials to avoid	: Incompatible with acids and bases. Incompatible with oxidizing agents.

10.6 Hazardous decomposition products

Chlorine compounds Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx)

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Harmful if swallowed.	
Product: Acute oral toxicity :	Acute toxicity estimate: 1.688 mg/kg Method: Calculation method
Components:	
troclosene sodium, dihydrate:	
Acute oral toxicity :	LD50 (Rat): 1.671 mg/kg
	Acute toxicity estimate: 1.671 mg/kg Method: Calculation method
Acute inhalation toxicity :	Remarks: Not classified based on available information.
Acute dermal toxicity :	LD50 (Rabbit): > 5.000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

according to Regulation (EC) No. 1907/2006



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Compor	nents:	
troclose Remarks	ne sodium, dihydrate:	No data available
	eye damage/eye irritat serious eye irritation.	ion
<u>Compor</u>	nents:	
troclose Result	ne sodium, dihydrate: :	Eye irritation
Respirat	tory or skin sensitisati	on
Not class	nsitisation sified based on available tory sensitisation	information.
-	sified based on available	information.
<u>Compor</u>	nents:	
troclose Species Method Result	ne sodium, dihydrate: : : :	Guinea pig OECD Test Guideline 406 Not a skin sensitizer.
	ell mutagenicity sified based on available	information.
<u>Compor</u>	<u>nents:</u>	
	ne sodium, dihydrate: Il mutagenicity- As- : tt	No data available
Carcino Not class	genicity sified based on available	information.
<u>Compor</u>	nents:	
	pene sodium, dihydrate: genicity - Assess- :	No data available
-	uctive toxicity sified based on available	information.
<u>Compor</u>	nents:	
	ne sodium, dihydrate: ctive toxicity - As- : nt	No data available

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	single exposure use respiratory irritatior nents:	1.		
troclos Assessr	ene sodium, dihydrat e ment	e: : May cause respiratory irritation.		
Not clas Aspirat Not clas	repeated exposure sified based on availab ion toxicity sified based on availab ation on other hazards	ble information.		
Endocrine disrupting properties				
Produc Assessr		: The substance/mixture does not contain components consid- ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at		

levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Components:

troclosene sodium, dihydrate	: :	
Toxicity to fish	:	LC50 (Lepomis macrochirus (Bluegill sunfish)): 0,23 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0,17 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (algae): 0,5 mg/l
M-Factor (Acute aquatic tox- icity)	:	1
M-Factor (Chronic aquatic toxicity)	:	1
Ecotoxicology Assessment		
Chronic aquatic toxicity	:	Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

|--|

Biodegradability	:	Result: Not readily biodegradable.
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		Remarks: Hydrolyses readily.
Compone	<u>nts:</u>	
troclosen Biodegrada	e sodium, dihydrate: ability :	
12.3 Bioaccum	ulative potential	
<u>Compone</u>	<u>nts:</u>	
troclosen Bioaccumu	e sodium, dihydrate: ulation :	Remarks: No data available
12.4 Mobility in	n soil	
<u>Compone</u>	nts:	
troclosen Mobility	e sodium, dihydrate: :	Remarks: No data available
12.5 Results o	f PBT and vPvB ass	essment
Product: Assessme	nt :	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 Endocrin	e disrupting properti	es
Product:		
Assessme	nt :	The substance/mixture does not contain components consid- ered 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.
12.7 Other adv No data av		
SECTION 13:	Disposal conside	rations
13 1 Waste tre	atment methods	
Product	:	Disposal together with normal waste is not allowed. Special disposal required according to local regulations.
Contamina	ated packaging :	Dispose of as hazardous waste in compliance with local and national regulations.
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SE	CTION 14: T	ransport inform	nat	tion
14.1	I UN number	or ID number		
	ADR		:	UN 3077
	IMDG		:	UN 3077
	ΙΑΤΑ		:	UN 3077
14.2	2 UN proper s	shipping name		
	ADR		:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate)
	IMDG		:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate)
	ΙΑΤΑ		:	Environmentally hazardous substance, solid, n.o.s. (troclosene sodium, dihydrate)
14.3	3 Transport h	nazard class(es)		
				Class Subsidiary risks
	ADR		:	9
	IMDG		:	9
	ΙΑΤΑ		:	9
14.4	Packing gro	oup		
	ADR			
	Packing grou Classification		:	III M7
		tification Number	÷	
	Labels		:	9
	Tunnel restri	iction code	:	(-)
	IMDG Packing grou	an		111
	Labels	up	÷	9
	EmS Code		:	F-A, S-F
	IATA (Cargo Packing inst aircraft)	o) ruction (cargo	:	956
	Packing inst	ruction (LQ)	:	Y956
	Packing grou		:	
	Labels		:	Miscellaneous
	IATA (Passo Packing inst ger aircraft)	enger) ruction (passen-	:	956
	Packing inst		:	Y956
	Packing grou Labels	up	:	III Miscellaneous
			•	

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14.5 Environmental hazards

ADR Environmentally hazardous : yes IMDG Marine 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. For personal protection see section 8.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restriction the market and use mixtures and article	e of certain dar	ngerous substan		Not applicable
Regulation (EC) No ment and the Cour	o 649/2012 of t icil concerning	he European Pa		Not applicable
of dangerous chem REACH - Candidat Concern for Author	e List of Subst		ligh :	Not applicable
Regulation (EC) No plete the ozone lay	o 1005/2009 o		at de- :	Not applicable
Regulation (EU) 20 tants (recast)		ersistent organic	pollu- :	Not applicable
REACH - List of su (Annex XIV)	bstances subj	ect to authorisat	ion :	Not applicable
Seveso III: Directiv pean Parliament au control of major-ac dangerous substar	nd of the Coun cident hazards	cil on the	E1 EN	VIRONMENTAL HAZARDS
MAL-Code-Numbe	r :	0-3 (1993)		
Volatile organic co	mpounds :		egrated poll	4 November 2010 on industrial ution prevention and control)

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single exposure

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15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of H-Statements

H302 :		Harmful if swallowed.
H319 : H335 :		Causes serious eye irritation. May cause respiratory irritation.
H400 :	:	Very toxic to aquatic life.
H410 :	:	Very toxic to aquatic life with long lasting effects.
EUH031 :	:	Contact with acids liberates toxic gas.
Full text of other abbreviation	IS	
Acute Tox. :	:	Acute toxicity
Aquatic Acute :	:	Short-term (acute) aquatic hazard

ronic	:	Long-term	(chron	ic)	aquatic hazard

Aquatic Chronic	:	Long-term (chronic) aquatic ha
Eye Irrit.	:	Eye irritation
STOT SE	:	Specific target organ toxicity -

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

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Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.