

according to Regulation (EC) No. 1907/2006

# : SPRAY SUPER NETTOYANT INOX 500 ML

Version	Revision Date:	SDS Number:	Date of last issue: 21.09.2021
3.1	07.10.2021	671388-00008	Date of first issue: 19.05.2016

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

#### 1.1 Product identifier

Trade name	:	: SPRAY SUPER NETTOYANT INOX 500 ML
Product code	:	0893 121 2

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub-	:	Detergent, Cleaning agent
stance/Mixture		Professional use product

#### 1.3 Details of the supplier of the safety data sheet

Company	:	Würth France Z.I.Ouest, Rue Georges Besse 67158 Erstein
Telephone	:	+33 (0)388 64 53 00
Telefax	:	+33 (0)388 64 62 00
E-mail address of person responsible for the SDS	:	prodsafe@wuerth.com

## 1.4 Emergency telephone number

ORFILA (France) +33 (0)1 45 42 59 59. Nancy Anti-poisons Center (24/7) +33 (0)3 83 32 36 36 bnpc@chu-nancy.fr

# **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.

## **Additional Labelling**

EUH210 Safety data sheet available on request.

## 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.



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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

Componenta			
Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
3-Butoxypropan-2-ol	5131-66-8	Skin Irrit. 2; H315	>= 1 - < 10
	225-878-4	Eye Irrit. 2; H319	
	603-052-00-8		
	01-2119475527-28		
Substances with a workplace exposure limit :			
(2-Methoxymethylethoxy)propanol	34590-94-8		>= 1 - < 10
	252-104-2		
	01-2119450011-60		

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 plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	:	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.



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lf swa	allowed	:	Get medical atte	D NOT induce vomiting. ention if symptoms occur. proughly with water.
	i <b>mportant symptoms a</b> known.	nd e	effects, both acu	te and delayed
4.3 Indica	tion of any immediate	me	dical attention a	nd special treatment needed
Treat	-	:		tically and supportively.
SECTION	N 5: Firefighting mea	sur	es	
5.1 Exting	guishing media			
Suita	ble extinguishing media	:	Not applicable Will not burn	
Unsu media	itable extinguishing a	:	Not applicable Will not burn	
5.2 Specia	al hazards arising from	the	substance or m	nixture
Spec fightir	ific hazards during fire- ng	:	Exposure to cor	nbustion products may be a hazard to health.
Haza ucts	rdous combustion prod-	:	Carbon oxides Nitrogen oxides	(NOx)
5.3 Advic	e for firefighters			
	ial protective equipment efighters	:		re, wear self-contained breathing apparatus. otective equipment.
Spec ods	ific extinguishing meth-	:	cumstances and Use water spray	ng measures that are appropriate to local cir- I the surrounding environment. I to cool unopened containers. aged containers from fire area if it is safe to do
SECTION	N 6: Accidental releas	se r	neasures	
6 1 Perso	nal precautions, protec	tiv	equipment and	emergency procedures
	onal precautions	:	Use personal pr	otective equipment.
				dling advice (see section 7) and personal pro- nt recommendations (see section 8).

# 6.2 Environmental precautions

Environmental precautions	:	: Avoid release to the environment.	
		Prevent further leakage or spillage if safe to do so.	
		Prevent spreading over a wide area (e.g. by containment or oil	



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			pose of contaminated wash water. es should be advised if significant spillages tained.
6.3 Metho	ds and material for c	containment and clea	aning up
		For large spills ment to keep n be pumped, sto Clean up rema bent. Local or nation posal of this m employed in th mine which reg Sections 13 an	hert absorbent material. a, provide dyking or other appropriate contain- naterial from spreading. If dyked material can ore recovered material in appropriate container. and materials from spill with suitable absor- hal regulations may apply to releases and dis- aterial, as well as those materials and items the cleanup of releases. You will need to deter- gulations are applicable. ad 15 of this SDS provide information regarding r national requirements.

## 6.4 Reference to other sections

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

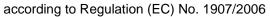
# **SECTION 7: Handling and storage**

# 7.1 Precautions for safe handling

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	Do not get on skin or clothing. Avoid inhalation of vapour or mist. Do not swallow. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment 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 contami- nated clothing before re-use.

#### 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	:	No special restrictions on storage with other products.





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S	torage period	:	24 Months	
	ecommended storage tem- erature	:	> 5 °C	
-	pecific end use(s) pecific use(s)	:	No data available	

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

# 8.1 Control parameters

# **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis		
(2- Methoxymeth- ylethoxy)propanol	34590-94-8	TWA	50 ppm 308 mg/m3	2000/39/EC		
	Further inform skin, Indicative		possibility of significant uptak	e through the		
		VME	50 ppm 308 mg/m3	FR VLE		
	Further inform posure limits	rther information: Risk of penetration through skin, Regulatory binding ex- sure limits				

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

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
2,2',2"-Nitrilotriethanol	Workers	Skin contact	Long-term systemic effects	6,3 mg/kg bw/day
	Workers	Inhalation	Long-term local ef- fects	5 mg/m3
	Workers	Inhalation	Long-term systemic effects	5 mg/m3
	Consumers	Ingestion	Long-term systemic effects	13 mg/kg bw/day
	Consumers	Skin contact	Long-term systemic effects	3,1 mg/m3
	Consumers	Inhalation	Long-term local ef- fects	1,25 mg/m3
	Consumers	Inhalation	Long-term systemic effects	1,25 mg/m3
(2- Methoxymethyleth- oxy)propanol	Workers	Inhalation	Long-term systemic effects	308 mg/m3
	Workers	Skin contact	Long-term systemic effects	238 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	37,2 mg/m3
	Consumers	Skin contact	Long-term systemic	121 mg/kg

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			effects	bw/day
	Consumers	Ingestion	Long-term systemic effects	36 mg/kg bw/day
3-Butoxypropan-2-ol	Workers	Inhalation	Long-term systemic effects	270,5 mg/m3
	Workers	Skin contact	Long-term systemic effects	44 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	33,8 mg/m3
	Consumers	Skin contact	Long-term systemic effects	16 mg/kg bw/day
	Consumers	Ingestion	Long-term systemic effects	8,75 mg/kg bw/day

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

Substance name	Environmental Compartment	Value
2,2',2"-Nitrilotriethanol	Fresh water	0,32 mg/l
	Marine water	0,032 mg/l
	Intermittent use/release	5,12 mg/l
	Sewage treatment plant	10 mg/l
	Fresh water sediment	1,7 mg/kg dry weight (d.w.)
	Marine sediment	0,17 mg/kg dry weight (d.w.)
	Soil	0,151 mg/kg dry weight (d.w.)
(2- Methoxymethylethoxy)propanol	Fresh water	19 mg/l
	Freshwater - intermittent	190 mg/l
	Marine sediment	1,9 mg/l
	Sewage treatment plant	4168 mg/l
	Fresh water sediment	70,2 mg/kg dry weight (d.w.)
	Marine sediment	7,02 mg/kg dry weight (d.w.)
	Soil	2,74 mg/kg dry weight (d.w.)
3-Butoxypropan-2-ol	Fresh water	0,525 mg/l
·· ·	Marine water	0,0525 mg/l
	Sewage treatment plant	10 mg/l
	Fresh water sediment	2,36 mg/kg
	Marine sediment	0,236 mg/kg
	Soil	0,16 mg/kg

#### 8.2 Exposure controls

## **Engineering measures**

Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

### Personal protective equipment

Eye protection

: Wear the following personal protective equipment: Safety glasses

Equipment should conform to NF EN 166

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M Bi	l protection aterial reak through time love thickness	:	Nitrile rubber > 60 min 0,35 mm		
R	emarks	:	Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous sub- stance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufactur- er. Wash hands before breaks and at the end of workday.		
Skin	and body protection	:	Skin should be wa	ashed after contact.	
Resp	iratory protection	:	sure assessment ommended guide	exhaust ventilation is not available or expo- demonstrates exposures outside the rec- lines, use respiratory protection. I conform to NF EN 14387	
Fi	lter type	:	Organic vapour ty	rpe (A)	

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

# 9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Colour	:	clear
Odour	:	characteristic
Odour Threshold	:	No data available
Melting point/freezing point	:	0°C
Initial boiling point and boiling range	:	100 °C
Flammability (solid, gas)	:	Not applicable
Flammability (liquids)	:	Will not burn
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available

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	Decom pH	position temperature	:	No data available 8,3 - 10,3 Concentration: 1	
	Viscosi Visc	ty cosity, kinematic	:	No data available	9
	Solubili Wat	ty(ies) er solubility	:	completely misci	ble
	Partitio octanol	n coefficient: n- /water	:	Not applicable	
	Vapour	pressure	:	23 hPa (20 °C)	
	Density	,	:	1,005 - 1,015 g/c	m³ (20 °C)
	Relative	e vapour density	:	No data available	9
		e characteristics icle size	:	Not applicable	
9.2 Other information					
	Explosi	ves	:	Not explosive	
	Oxidiziı	ng properties	:	The substance o	r mixture is not classified as oxidizing.
	Evapor	ation rate	:	No data available	9

# **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

Not classified as a reactivity hazard.

# 10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous	reactions
Hazardous reactions	: None known.

# 10.4 Conditions to avoid

# 10.5 Incompatible materials

Materials to avoid : None.

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#### **10.6 Hazardous decomposition products**

No hazardous decomposition products are known.

## **SECTION 11: Toxicological information**

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

Information on likely routes of exposure	:	Inhalation Skin contact
		Ingestion Eye contact

### Acute toxicity

Not classified based on available information.

#### Components:

<b>3-Butoxypropan-2-ol:</b> Acute oral toxicity :	LD50 (Rat): 3.300 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity :	LC50 (Rat): > 3,52 mg/l Exposure time: 4 h Test atmosphere: vapour Assessment: The substance or mixture has no acute inhala- tion toxicity
Acute dermal toxicity :	LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mixture has no acute dermal toxicity

#### (2-Methoxymethylethoxy)propanol:

Acute oral toxicity	:	LD50 (Rat): > 5.000 mg/kg
Acute inhalation toxicity	:	LC0 (Rat): > 1,667 mg/l Exposure time: 7 h Test atmosphere: dust/mist
Acute dermal toxicity	:	LD50 (Rabbit): 9.510 mg/kg

#### Skin corrosion/irritation

Not classified based on available information.

## **Components:**

# 3-Butoxypropan-2-ol:

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	Skin irritation

#### (2-Methoxymethylethoxy)propanol:

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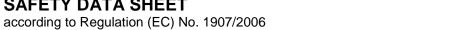
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Species Result	:	Rabbit No skin irritation
Serious eye damage/eye Not classified based on a		
Components:		
3-Butoxypropan-2-ol:		
Species	:	Rabbit
Method	:	OECD Test Guideline 405
Result	:	Irritation to eyes, reversing within 7 days
(2-Methoxymethylethox	y)propa	nol:
Species	:	Rabbit
Result	:	No eye irritation
Respiratory or skin sen	sitisatio	n
Skin sensitisation		
Not classified based on a	vailable	information.
Respiratory sensitisation Not classified based on a		information.
Components:		
3-Butoxypropan-2-ol:		
Test Type	:	Buehler Test
Exposure routes	:	Skin contact
Species Mathead	:	Guinea pig
Method Result	:	OECD Test Guideline 406 negative
(2-Methoxymethylethox	Whatana	noli
Test Type	ургора.	Human repeat insult patch test (HRIPT)
Exposure routes	•	Skin contact
Species	:	Humans
Result	:	negative
Germ cell mutagenicity		
Not classified based on a		information.
Components:		
3-Butoxypropan-2-ol:		
Genotoxicity in vitro	:	Test Type: Chromosome aberration test in vitro Result: negative
		Test Turner Destarial reverse revetation second (AME)

Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative





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			Test Type: In Result: negativ	vitro mammalian cell gene mutation test ve
•	ethoxymethylethoxy)	propa		
Geno	toxicity in vitro	:	Test Type: Ba Result: negativ	cterial reverse mutation assay (AMES) ve
			Test Type: Ch Result: negativ	romosome aberration test in vitro ve
			Test Type: Sa assay (in vitro) Result: negativ	/
	i <b>nogenicity</b> lassified based on ava	ilabla	information	
	ponents:	liable	inionnation.	
	toxypropan-2-ol:		Rat	
Speci	cation Route	:	inhalation (vap	oour)
	sure time	÷	2 Years	
Metho		:	OECD Test G	uideline 453
Resu	lt	:	negative	
Rema	arks	:	Based on data	a from similar materials
(2-Me	ethoxymethylethoxy)	propa	nol:	
Speci	ies	:	Rat	
•	cation Route	:	inhalation (vap	oour)
	sure time	:	2 Years	
Metho		:	OECD Test G	uideline 453
Resu		:	negative	a from similar materials
Rema	arks	•	Dased on data	
Repr	oductive toxicity			
Not c	lassified based on ava	ilable	information.	
Com	ponents:			
3-But	toxypropan-2-ol:			
	ts on fertility	:	reproduction/d Species: Rat Application Ro Method: OECI Result: negativ	D Test Guideline 422
Effec ment	ts on foetal develop-	:	Test Type: Em Species: Rat	nbryo-foetal development
			11 / 1	8
			11/1	•

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		Application Route Method: OECD Te Result: negative	
(2-Meth	noxymethylethoxy)pro	opanol:	
Effects	on fertility	Species: Rat Application Route Method: OECD Te Result: negative	eneration reproduction toxicity study : inhalation (vapour) est Guideline 416 on data from similar materials
Effects ment	on foetal develop-	Species: Rat	o-foetal development : inhalation (vapour)

## STOT - single exposure

Not classified based on available information.

#### **STOT - repeated exposure**

Not classified based on available information.

## Repeated dose toxicity

#### **Components:**

#### 3-Butoxypropan-2-ol:

Species	:	Rat
NOAEL	:	350 mg/kg
LOAEL	:	1.000 mg/kg
Application Route	:	Ingestion
Exposure time	:	13 Weeks
Method	:	OECD Test Guideline 408

### (2-Methoxymethylethoxy)propanol:

Species NOAEL Application Route Exposure time	:	Rat 1,21 mg/l inhalation (vapour) 13 Weeks
Species NOAEL Application Route Exposure time	: :	Rat 1.000 mg/kg Ingestion 4 Weeks
Species NOAEL Application Route Exposure time	: :	Rabbit 2.850 mg/kg Skin contact 90 Days

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# Aspiration toxicity

Not classified based on available information.

## 11.2 Information on other hazards

## Endocrine disrupting properties

#### Product:

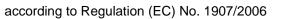
Assessment

: 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

Components:	
3-Butoxypropan-2-ol:	
Toxicity to fish :	LC50 (Poecilia reticulata (guppy)): > 560 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other : aquatic invertebrates	EC50 (Daphnia magna (Water flea)): > 1.000 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic : plants	EC50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l Exposure time: 96 h
	NOEC (Pseudokirchneriella subcapitata (green algae)): 560 mg/l Exposure time: 96 h
Toxicity to microorganisms :	EC50 : > 1.000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209
(2-Methoxymethylethoxy)propa	anol:
Toxicity to fish :	LC50 (Poecilia reticulata (guppy)): > 1.000 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other : aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 1.919 mg/l Exposure time: 48 h
Toxicity to algae/aquatic : plants	ErC50 (Pseudokirchneriella subcapitata (green algae)): > 969 mg/l Exposure time: 72 h





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			Method: OECD T	est Guideline 201
			mg/l Exposure time: 7	rchneriella subcapitata (green algae)): 969 2 h est Guideline 201
Toxic	ity to microorganisms	:	EC50 (Pseudome Exposure time: 1	onas putida): 4.168 mg/l 8 h
	ity to daphnia and other tic invertebrates (Chron- icity)	:	NOEC: >= 0,5 m Exposure time: 2 Species: Daphnia	
12.2 Persi	istence and degradabil	ity		
<u>Com</u>	ponents:			
	t <b>oxypropan-2-ol:</b> egradability	:	Result: Readily b Biodegradation: Exposure time: 2 Method: OECD T	90 %
•	ethoxymethylethoxy)pr egradability	opa :	Result: Readily b Biodegradation: Exposure time: 2	76 %
12.3 Bioa	ccumulative potential			
Com	ponents:			
Partit	t <b>oxypropan-2-ol:</b> ion coefficient: n- ol/water	:	log Pow: 1,2	
(2-Me	ethoxymethylethoxy)pr	ора	nol:	
Partit	ion coefficient: n- ol/water	:	log Pow: 0,004	
	<b>lity in soil</b> ata available			
12.5 Resu	llts of PBT and vPvB as	sses	ssment	
<u>Prod</u> Asses	<u>uct:</u> ssment	:	to be either persi	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of

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### **12.6 Endocrine disrupting properties**

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.

#### 12.7 Other adverse effects

No data available

#### **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.
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.
Waste Code	:	The following Waste Codes are only suggestions:
		used product 20 01 30, detergents other than those mentioned in 20 01 29
		unused product 20 01 30, detergents other than those mentioned in 20 01 29
		uncleaned packagings 15 01 06, mixed packaging

## **SECTION 14: Transport information**

#### 14.1 UN number or ID number

Not regulated as a dangerous good

## 14.2 UN proper shipping name

Not regulated as a dangerous good

# 14.3 Transport hazard class(es)

Not regulated as a dangerous good

## 14.4 Packing group

Not regulated as a dangerous good

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#### 14.5 Environmental hazards

Not regulated as a dangerous good

## 14.6 Special precautions for user

Not applicable

#### 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, preparations and articles (Annex XVII)	:	Not applicable
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	:	Not applicable
Regulation (EC) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable

Occupational Illnesses (R- 461-3, France)	:	84, 49 bis, 49
Reinforced medical supervi- sion (R4624-18)	:	The product has no CMR properties
Volatile organic compounds	:	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 4,15 %, 41,9 g/l Remarks: VOC content excluding water
Regulation (EC) No. 648/2004, as amended	:	less than 5 %: Anionic surfactants, Non-ionic surfactants, Pol- ycarboxylates

#### Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.



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## 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information	1
Other information	<ul> <li>Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.</li> </ul>
Full text of H-Statements	
H315	: Causes skin irritation.
H319	: Causes serious eye irritation.
Full text of other abbreviation	IS
Eye Irrit.	: Eye irritation
Skin Irrit.	: Skin irritation
2000/39/EC	: Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
FR VLE	: France. Occupational Exposure Limits (INRS)
2000/39/EC / TWA	: Limit Value - eight hours
FR VLE / VME	: Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

## Further information

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

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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