

SAFETY DATA SHEET

according to Regulation (EC) N° 1907/2006

EnzyClear

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Sales reference: *EnzyClear®*

Product code: 413029

9R03-X0D2-500N-GSPW

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

Enzymatic disinfectant detergent used for cleaning equipments *easySpiral®*, *easySpiral Pro®*, *easySpiral Dilute®*.

1.3. Details of the supplier of the safety data sheet

INTERSCIENCE SARL

30, chemin du Bois des Arpents - 78860 Saint-Nom-la-Bretèche - FRANCE

Tel: +33 01 34 62 62 61

info@interscience.com

www.interscience.com

1.4. Emergency telephone numbers

For European countries, please refer to ECHA website update:

<https://echa.europa.eu/fr/support/helpdesks/>

<https://poisoncentres.echa.europa.eu/fr/appointed-bodies>

https://echa.europa.eu/documents/10162/2322249/emergency_phone_numbers_en.pdf/d911af43-4bcf-9371-a59d-a20736d91e7d?t=1628515444598

For the rest of the world, refer to the WHO directory of poison information centres:

https://apps.who.int/poisoncentres/PoisonCentres_201902.pdf

List of Emergency numbers worldwide.

Country	Phone number	Website
Australia	+61 2 9845 3969 / 131126	
Austria	+43 1 406 43 43	https://goeg.at/Vergiftungsinformation
Belgium	+32 70 245 245	https://www.poisoncentre.be/
Bulgaria	+359 2 9154 233	https://www.moew.government.bg/bg/prevantivna-dejnost/himichni-vestestva/klasifikaciya-clp/nacionalen-centur-potoksikologiya/
Canada	1 800 268 9017 / 911	https://infopoison.ca/fr/
China	+86 10 831 32 045 / 120	
Croatia	+3851 2348 342	https://www.imi.hr/hr/jedinica/centar-za-kontrolu-otrovanja/
Cyprus	1401	http://www.mlsi.gov.cy/mlsi/dli/dliup.nsf/All/44E02FF962E75D0DC2257DDA00288E83?OpenDocument
Czech Republic	+420 224 919 293 / +420 224 915 402	<a href="https://www.cenia.cz/odborna-podpora/reach/bezpecnostni-listy/<">https://www.cenia.cz/odborna-podpora/reach/bezpecnostni-listy/<
Denmark	+45 8212 1212	https://www.bispebjerghospital.dk/giftlinjen/Sider/default.aspx
Estonia	16662	https://www.terviseamet.ee/en/chemical-and-product-safety/data-for-safety-data-sheet
Finland	800 147 111 / 09 471 977	https://www.hus.fi/en/medical-care/medical-services/Poison%20Information%20Centre/Pages/default.aspx
France	01 45 42 59 59	https://reach-info.ineris.fr/Numero_orfila
Germany	+49 30 3068 6711 / 112	https://www.reach-clp-biozid-helpdesk.de/DE/REACH/Sicherheitsdatenblatt/Sicherheitsdatenblatt-EN/Emergency-Telephone-number.html
Greece	+30 21 07 79 37 77	https://echa.europa.eu/documents/10162/23019181/poison_info_centre_en.pdf/58b0f281-a6f8-4362-a0b9-faad57c7fcff
Hungary	+36 80 201 199	https://www.nnk.gov.hu/index.php/kemiai-biztonsagi-es-kompetens-hatosagi-fo/egeszsegugyi-toxikologiai-tajekoztato-szolgalat
Iceland	+354 543 22 22 / +354 543 1000 / 112	http://www.landspitali.is/?PageID=14556

Country	Phone number	Website
India	+91 112 659 36 77 / 112	https://www.secourisme.net/spip.php?breve443
Ireland	+353 1 809 2166 / 01 809 2166 (8am - 10pm) / 01 809 2566 (24/7)	https://www.poisons.ie/
Israel	+972 485 42 725 / 04-7771900 (24/7) / 101	https://www.rambam.org.il/en/departmentsandclinics/laboratories-division/clinical-pharmacology-and-toxicology/national-center-for-the-treatment-of-poisoning/
Italy	+39 06 301 54 492 / +39 06 305 4343 / +39 06 499 78 000 / 118	https://preparatipericolosi.iss.it/cav.aspx
Japan	+81 72 727 2499 / +81 29 852 9999 / 119	https://mediv8.com/poisons-information/japan-poison-information-center-head-office/
Latvia	+371 670 42473	https://www.meteo.lv/en/lapas/environment/chemical-substances-/reach/reach_en?&id=1483&nid=410
Lithuania	+370 85 236 2052	http://www.apsinuodijau.lt/
Luxembourg	+352 8002 5500	https://www.centreantipoisons.be/entreprises/english/how-declare/declarations-grand-duchy-Luxembourg
Malta	+356 234 41 111	https://deputyprimeminister.gov.mt/en/Pages/Contact-Us.aspx
Norway	+47 22 59 13 00	https://helsenorge.no/Giftinformasjon
Poland	+48 (12) 411 99 99	
Portugal	+351 800 250 250	https://www.inem.pt/category/servicos/centro-de-informacao-antivenenos/
Romania	+40 213 183 606	
Russia	+7 495 628 1687 / 112 / 103	https://www.petitfute.com/v51044-moscou/c1172-pense-fute-services/c1136-sante/c876-urgence/
Saudi Arabia	800 442 628 1687 / 937	
Slovakia	+421 2 5477 4166	http://www.ntic.sk/ntic_en.php?adr=safetydata
Slovenia	+386 1 522 1293 / +386 1 434 7645 / 112	
South Africa	+27 086 155 5777 / +27 824 910 160 / 999	

Country	Phone number	Website
South Korea	+82 (0)42 605 7030 / +82 (0)43 830 4000 / (+82-)119	https://nics.me.go.kr/ https://nics.me.go.kr/eng/main.do
Spain	+34 91 562 04 20	https://www.miteco.gob.es/es/calidad-y-evaluacion-ambiental/temas/productos-quimicos/portal-reach-clp/novedades/detalle_novedades.aspx?id=tcm:30-193752-16
Sweden	+46 (0)10 456 6700 / +46 (0)10 456 6750 / 112	
Switzerland	+41 44 251 51 51 / 145 (24/24)	https://www.vaudofamilie.ch/N241017/tox-info-suisse-urgence-145-24h24h.html
Thailand	+66 (0)220 11084-6 / +66 2 419 9912 / 191 / 1669	https://ogocare.com/1669-and-191-emergency-numbers-to-call-in-thailand/
The Netherlands	+31 30 274 88 88	https://www.umcutrecht.nl/nl/Subsites-nl/Nationaal-Vergiftigingen-Informatie-Centrum-(NVIC)/Productinformatie/Informationsheet-product-notification
Turkey	+90 0312 433 70 07 / 112 / 114	https://www.istanbulaccueil.net/les-numeros-durgence/
United Arab Emirates	800 424 / 998	
United Kingdom	+44 844 892 0111 / 999 / 111	https://www.toxbase.org/
United States of America	+1 800 222 122 / 911	https://www.poison.org/

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to regulation (EC) N° 1272/2008.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 1 H318 Causes severe eye damage.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Causes skin irritation. Causes serious eye damage.

Harmful to aquatic organisms. Causes long-term adverse effects.

2.2. Label elements

Labelling according to regulation (EC) N° 1272/2008.

Danger pictogram :



Warning: *danger – GHS05*

H315 Causes skin irritation.

H318 Causes severe eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P273 Avoid discharge into the environment.

P280 Wear protective gloves/ eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash thoroughly with water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of the contents in a hazardous or special waste collection centre, in accordance with the applicable regulations.

Contains didécyldiméthylammonium chloride; alcohols C9-11 ethoxylated.

2.3. Other hazards

Does not contain any PBT/vPvB substance $\geq 0.1\%$ assessed in accordance with Annex XIII of the REACH Regulation.

The mixture does not contain a substance listed in accordance with Article 59(1) of REACH as having endocrine disrupting properties, or is not recognised as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

Component Didecyldimethylammonium chloride (7173-51-5): this substance does not meet the PBT criteria of REACH Annex XIII. This substance does not meet the vPvB criteria of the REACH annex XIII regulation.

SECTION 3. COMPOSITION/INFORMATIONS ON INGREDIENTS

3.1. Substances: Not applicable.

3.2. Mixtures

Hazardous components (classification according to regulation (EC) N° 1272/2008 [CLP])

Nom Chimique	No#-CAS_No#-CE_Numéro d'enregistrement_	Classification (RÈGLEMENT (CE) No 1272/2008)	Concentration (Pourcentage en poids)
Sodium carbonate	497-19-8 207-838-8 011-005-00-2 01-2119485498-19	Eye Irrit. 2, H319	$\geq 25 - < 50$
Alcohols, C16-18, ethoxylated (>20 EO)	68439-49-6	Eye Irrit. 2, H319	$\geq 1 - < 5$
Alcohols, C9-11, ethoxylated	68439-46-3	Acute Tox 4, H302 Eye Irrit. 1, H318	$\geq 1 - < 5$
chlorure de didécyl diméthylammonium	7173-51-5 230-525-2 612-131-00-6 01-2119945987-15	Acute Tox 4, H302 Skin Corr 1B, H314 Eye Irrit. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411	$\geq 1 - < 5$
propan-2-ol	67-63-0 200-661-7 603-117-00-0 01-2119457558-25	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Stot SE 3, H336	$\geq 1 - < 5$
benzaldéhyde substance with community occupational exposure limit values	100-52-7 202-860-4 605-012-00-5 01-2119455540-44	Acute Tox 4, H302	< 0.1

For the full text of the H-statements mentioned in this Section see Section 16.

SECTION 4. FIRST AIDS MEASURES

4.1. Description of first aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor. Never induce swallowing by an unconscious person.

In case of inhalation: Remove person to fresh air and seek medical attention.

In case of skin contact: wash skin with water. Remove contaminated clothing. If skin irritation occurs, consult a doctor.

In case of eye contact: rinse cautiously with water for 15 minutes. Remove contact lenses if the victim wears them and if they can be easily removed. Continue rinsing. Consult a doctor immediately.

In the event of swallowing: rinse the mouth with water. Do not induce vomiting. Consult a doctor, showing the label.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact: irritation.

Symptoms/effects after eye contact oculaire : serious eye lesion

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media : Sprayed water or water mist, foam, Multipurpose ABC powder

5.2. Special hazards arising from the substance or mixture

Fire risk: non-flammable.

Exposure to decomposition products may be hazardous to health (in case of fire). Do not breathe in smoke.

5.3. Advice for firefighters

Firefighter must have an autonomous insulating breathing apparatus to put out the fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the overflow area. Avoid contact with skin and eyes.

6.2. Environmental precautions

Avoid environmental emission. Prevent entry into sewers.

6.3. Methods and materials for containment and cleaning up

For retention: collect the common product.

For cleaning up: pick mechanically the product.

Other information: dispose of solid materials or residues in an authorized facility

6.4. Reference to other sections

For disposal see section 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling: ensure good ventilation of the workstation. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures: wash contaminated clothing before reuse. Do not eat, drink or smoke by manipulating this product. Wash hands before handling

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container only, tightly closed in a dry and well-ventilated place. Store in cool place. Protect against moisture.

incompatible materials: aluminum and its alloys.

Storage temperature: 5 to 35°C.

Storage location: protect from heat.

Special packaging requirements: use only the original container.

7.3. Specific end use(s)

No data available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Subtilysine (9014-01-1) :

Switzerland - Occupational exposure limit values :

KZGW (OEL STEL) : 0.00006 mg/m³. Critical toxicity: VR, asthma, skin. Notation S.

Regulatory reference: www.suva.ch, 01.01.2021

Benzaldéhyde (100-52-7) :

EU: Indicative Occupational Exposure Limit (IOEL) :

IOEL STEL : 17.4 mg/m³.

Propan-2-ol (67-63-0) :

Belgium - Occupational exposure limit values :

Local name: alcoool isopropylique # isopropylalcohol

OEL TWA : 500 mg/m³. OEL TWA [ppm] : 200 ppm.

OEL STEL : 1000 mg/m³ OEL STEL [ppm] : 400 ppm.

Regulatory reference: royal decree 19/11/2020.

France - Occupational exposure limit values:

VLE OEL : 980 mg/m³ VLE (OEL) [ppm] : 400 ppm

Regulatory reference: ministry of labor circular (INRS ED984, 2016).

Switzerland: Occupational exposure limit values:

MAK (OEL TWA 1) : 500 mg/m³ MAK (OEL TWA 2) : 200 ppm

KZGW (OEL STEL) : 1000 mg/m³ KZGW (OEAL STEL) [ppm] : 400 ppm

Critical toxicity: VRS, liver, SNC, eyes - notation SSc, B

Regulatory reference: www.suva.ch, 01.01.2021

Basis (471-34-1):

France - Occupational exposure limit values:

Local name : calcium carbonate, calcite, marble

VME (OEL TWA) : 10 mg/m³.

Regulatory reference: ministry of labor circular (INRS ED984, 2016).

Switzerland - Occupational exposure limit values:

Local name: calcium carbonate

MAK (OEL TWA) [1] : 3 mg/m³ (a)

Regulatory reference: www.suva.ch, 01.01.2021

Cellulose (9004-34-6) :

Belgium - Occupational exposure limit values :

OEL TWA : 10 mg/m³

Regulatory reference: Royal Decree 19/11/2020.

France: Occupational exposure limit values:

VME (OEL TWA): 10 mg/m³

Note: recommended/accepted values.

Référence réglementaire : Regulatory reference: Ministry of Labor circular (INRS ED 984, 2016).

*Switzerland: Occupational exposure limit values :
MAK (OEL TWA) [1] : 3 mg/m³ (a) - critical toxicity: VRS
Regulatory reference: www.suva.ch, 01.01.2021*

*PEG-10 (25322-68-3) :
Switzerland - Occupational exposure limit values:
MAK (OEL TWA) [1] : 500 mg/m³
Critical toxicity: MCorp - Notation SSc
Regulatory reference: www.suva.ch, 01.01.2021*

*Titanium dioxide (13463-67-7) :
Belgium - Occupational exposure limit values:
Local name: titanium dioxide
OEL TWA : 10 mg/m³ - Regulatory reference: Royal Decree 19/11/2020.
France - Occupational exposure limit values:
VME : 10 mg/m³ - regulatory reference: Ministry of Labour circular (INRS ED984, 2016).
Switzerland - Occupational exposure limit values :
MAK : 3 mg/m³ - Critical toxicity : VRI - Notation : SSc
Regulatory reference : www.suva.ch, 01.01.2021*

*Sucrose (57-50-1) :
Belgium - Occupational exposure limit values :
Local name: sucrose - OEL TWA: 10 mg/m³
Regulatory reference: Royal Decree 19/11/2020.
France - Occupational exposure limit values :
VME: 10 mg/m³ - Regulatory reference: Ministry of Labour circular (INRS ED984, 2016).*

*Kaolin (1332-58-7) :
Belgium - Occupational exposure limit values :
OEL TWA: 2 mg/m³ - Regulatory reference: Royal Decree 19/11/2020.
Switzerland - Occupational exposure limit values :
MAK: 3 mg/m³ - Critical toxicity: Fibpulm
Regulatory reference: www.suva.ch, 01.01.2021*

8.2. Exposure controls

Personal protective equipment

Emergency eyewash facilities and safety showers should be installed close to any area where there is a risk of exposure. Ensure good ventilation of the workstation.



Respiratory protection

In the event of inadequate ventilation, wear suitable respiratory equipment.

Hand protection

Protective gloves. Gloves should be selected according to the application and duration of use at the workstation. Chemical-resistant gloves (in accordance with European standard ISO 374-1 or similar).

Eye protection

Safety goggles complying with EN 166.

Avoid contact with eyes. In the event of increased danger, use a face shield to protect the face. Wearing glasses does not constitute protection. It is not compulsory to wear protective goggles. If your protocols recommend wearing them, use eye protection designed to protect against splashes of liquid in compliance with standard EN166.

Skin and body protection

Protective clothing - material selection: avoid contact with skin. After contact with the product, all soiled parts of the body must be washed. Personnel should wear regularly laundered work clothing. Wearing protective clothing is not compulsory, but if your protocol requires it, use suitable chemical protective clothing.

Hygiene measures and general protective measures

Avoid release into the environment.

Use clean and properly maintained personal protective equipment. Store personal protective equipment in a clean place, away from the work area. You must check the condition of the protective equipment before each use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: solid

Colour: white

Appearance: powder

Odour: perfumes, scented products

Flammability: non-flammable

pH: 9.8 - 10.8

pH solution: 11 - 12 (1% dilution)

Density : 0.69 - 0.75 g/ml

9.2. Other information

No further information available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No known dangerous reactions under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Aluminium and its alloys.

10.6. Hazardous decomposition products

No hazardous decomposition products should be generated under normal conditions of storage and use.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity (oral)	Not classified
Acute toxicity (skin)	Not classified
Acute toxicity (inhalation)	Not classified

Sodium carbonate (497-19-8):	LD 50 oral rat: 2800 mg/kg animal body weight (rat)
	LD50 oral: 4090 mg/kg body weight
	LD50 dermal rabbit: > 2000 mg/kg body weight animal (rabbit)
	LD50 dermal: > 2000 mg/kg body weight
	LC50 inhalation (rat) dust-mist: 2300 mg/l
Benzaldéhyde (100-52-7):	LD 50 oral rat: 1430 mg/kg body weight animal (rat)
	LD 50 oral: 1292 mg/kg body weight
	LD50 dermal rabbit: > 2000 mg/kg body weight animal (rabbit)

	LD 50 dermal: > 1250 mg/kg body weight
	LC 50 inhalation (rat) dust-mist: > 1000 mg/l
	LC50 inhalation (rat): 1 to 5 mg/l air animal: rat
	LOAEL (oral, rat, 90 days): 300 mg/kg body weight animal: rat and mouse
Didecyldimethylammonium chloride (7173-51-5):	LD 50 oral rat: 329 mg/kg body weight animal: rat
	LD 50 oral: 329 mg/kg body weight
	LD 50 dermal rat: > 1000 mg/kg body weight animal: rat
	LD 50 dermal: 3342 mg/kg body weight
	LC50 inhalation - rat (dust/mist): 70 mg/l
	pH: 6.8 - 6.9 Temp 25°C Concentration 1
	Viscosity, kinematic: 24.5 mm²/s Temp: 20°C
Propan-2-ol (67-63-0):	LD 50 oral rat: 5840 mg/kg body weight animal: rat
	LD 50 oral: 4396 mg/kg body weight
	LD 50 dermal: 12800 mg/kg body weight
	LC50 inhalation - rat (dust/mist): 46600 mg/l
	May cause drowsiness or dizziness.
Alcohols, C9-11, ethoxylated (68439-46-3):	LD 50 oral rat: > 2000 mg/kg
	LD 50 dermal rat: > 2000 mg/kg body weight animal: rat
	LC 50 inhalation rat: > 1.6 mg/l air animal rat
	Skin corrosion: causes skin irritation - pH: 9.8 - 10.8
	NOAEL (oral, rat, 90 days): >or= 500 mg/kg body weight animal: rat

SECTION 12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity

Harmful to aquatic organisms, causes long-term effects.

Alkazyne: LC50 Fish: 0.01-0.1 g/l

ECr50 algae: 39.6 mg/l

Sodium carbonate :

LC50 - Fish: 300 mg/l

EC50 - Crustaceans: 200-227 mg/l

EC50 - other aquatic organisms: 265 mg/l

Benzaldehyde :

LC 50 - Fish: 1.07 mg/l

EC 50 - Other aquatic organisms (1): 23.7 mg/l

EC 50 - Other aquatic organisms (2) > 100 mg/l

NOEC chronic fish: 0.12 mg/l

Didecyldimethylammonium chloride :

LC50 - Fish (1): 0.49 mg/l

LC 50 - Fish (2): 0.49 mg/l

EC 50 - Crustaceans (1): 0.057 mg/l

EC 50 - Crustaceans (2): 0.029 mg/l

EC 50 - Other aquatic organisms (1): 0.057 mg/l

EC 50 - Other aquatic organisms (2): 0.156 mg/l

LOEC (chronic): 0.047 mg/l

NOEC (chronic): 0.021 mg/l

Propan-2-ol :

LC 50 - Fish: 9640 mg/l

EC50 - Other aquatic organisms (1): 13299 mg/l

EC50 - Other aquatic organisms (2) > 1000 mg/l

Alcohols, C9-11 :

LC50 - Fish: 5-7 mg/l

EC50 - Crustaceans: 2.5 mg/l

EC50 - 96h - Algae: 1.4 mg/l

12.2. Persistence et degradability

Alkazyne: the surfactants contained in this preparation meet the biodegradability criteria as defined in EC regulation 648/2004 on detergents.

Didecylmethylammonium chloride: biodegradation > 70%.

12.3. Bioaccumulative potential

Sodium carbonate: n-octano/water partition coefficient: -6.19

Alcohols, C16-18, ethoxylated: n-octanol/water partition coefficient: 7.92

Benzaldehyde: n-octanol/water partition coefficient: 1.48

Didecyldimethylammonium chloride: n-octanol/water partition coefficient: 0.4

Propan-2-ol: n-octano/water partition coefficient: 0.05

Alcohols, C9-11, ethoxylated: n-octano/water partition coefficient: 2.86 – 3.76

12.4. Mobility in soil

No further information available.

12.5. Results of PBT and vPvB assessment

Didecyldimethylammonium chloride: this substance/mixture does not meet the PBT criteria of REACH Annex XIII. This substance/mixture does not meet the vPvB criteria of REACH Annex XIII.

12.6. Other adverse effects

No further information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of contents/container in accordance with the instructions for waste disposal issued by the authorised waste collection centre.

Keep label on container. Empty container completely. Avoid release into the environment. Dispose of in accordance with local/national safety regulations. Prevent from entering rainwater systems or watercourses. Waste must be managed without endangering human health or harming the environment, and in particular without creating a risk for water, air, soil, fauna or flora.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number: *Not applicable*

14.2. UN proper shipping name: *Not applicable*

14.3. Transport hazard class(es): *Not applicable*

14.4. Packing group: *Not applicable*

14.5. Environmental hazards

No further information available.

14.6. Special precautions for user: *Not applicable*

14.7. Transport in bulk according to Annex II of Marpol convention and the IBC Code
Not applicable.

SECTION 15. REGULATORY INFORMATION

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

Does not contain any substance listed in Annex XVII of REACH (conditions of restriction).

Does not contain a substance listed in Annex XIV of REACH (authorisation list).

Does not contain a substance listed in the REACH candidate list.

PIC (EU 649/2012, prior informed consent): Contains one or more substances listed in the PIC list concerning the export and import of dangerous chemicals: didecyl dimethylammonium chloride (7173-51-5).

Does not contain any substance listed in the POP list (EU 2019/1021, persistent organic pollutants).

Does not contain any substances listed as ozone-depleting substances (EC regulation no. 1005/2009).

Regulation on detergents - EC 648/2004 :

Phosphates : $\geq 30\%$

Non-ionic surfactants: 5 to 15%.

Does not contain any substance listed in the list of explosives precursors (EU regulation 2019/1148 on the marketing and use of explosives precursors).

Does not contain any substance listed as a drug precursor (EC Regulation 273/2004 on the manufacture and placing on the market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16. OTHER INFORMATION

Acute Tox. 4 (oral) : Acute toxicity, category 4

Aquatic Acute 1 : Dangerous for the aquatic environment - Acute hazard, category 1

Aquatic Chronic 2: Dangerous for the aquatic environment - Chronic hazard, category 2

Eye Dam. 1: Serious eye damage / eye irritation, category 1

Eye Irrit. 2: Serious eye damage / eye irritation, category 2

Flam. Liq. 2: Flammable liquids, category 2

H225: Highly flammable liquid and vapour

H302: Harmful if swallowed

H314: Causes severe skin burns and eye damage

H315: Causes skin irritation

H318: Causes serious eye damage

H319: Causes severe eye irritation

H336: May cause drowsiness or dizziness

H400: Very toxic to aquatic organisms

H411: Toxic to aquatic organisms, may cause long-term adverse effects.

H412: Harmful to aquatic organisms, may cause long-term adverse effects.

Skin Corr. 1B: Corrosive/irritant to skin, category 1, sub-category 1B

STOT SE 3 : Specific target organ toxicity - single exposure, category , narcotic effects

Key or legend to abbreviations and acronyms used in the safety data sheet

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;
 AICS – Australian Inventory of Chemical Substances;
 ASTM – American Society for the Testing of Materials;
 b.w. – Body Weight;
 CLP – Classification Labelling Packaging Regulation;
 CMR – Carcinogen, Mutagen or Reproductive Toxicant;
 DIN – Standard of the German Institute for Standardisation;
 DNEL – Derived No Effect Level;
 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 (« OACI » in French);
 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;
 PNEC – Predictive No Effect Concentration;
 PICCS – Philippines Inventory of Chemicals and Chemical Substances;
 (Q)SAR – (Quantitative) Structure Activity Relationship;
 REACH – Regulation (EC) N° 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals;
 RID – Regulation concerning the International Carriage of Dangerous Goods by Rail;
 SADT – Self-Accelerating Decomposition Temperature;

SDS – Safety Data Sheet;
SVHC – Substance of Very High Concern;
STEL – Short Term Exposure Limit;
TCSI – Taiwan Chemical Substance Inventory;
TMP – Table of Professional Diseases (« Tableau des Maladies Professionnelles » in French);
TRGS – Technical Rule for Hazardous Substances;
TSCA – Toxic Substances Control Act (USA);
TWA – Time Weighted Averages;
UFI – Unique Formula Identifier;
UN – United Nations;
VLE – Exposure Limit Value (ELV) (« Valeur Limite d'Exposition » in French);
VME – Exposure Average Value (« Valeur Moyenne d'Exposition » in French);
vPvB – Very Persistent and Very Bioaccumulative;
WGK – Water Hazard Class (« Wassergefährdungsklasse » in German).

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