

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



Soap Base Neri Crystal White

Creation date	30th July 2026	Version	2.0
Revision date			

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

1.1. Product identifier Soap Base Neri Crystal White
Substance / mixture mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against
Mixture's intended use

Cosmetics.

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Name or trade name	NERILAB LLC
Address	MYKOLAYCHUKA d.11-G, ISPAS, 59222 Ukraine
Phone	+38 0502522722
E-mail	info@neri.store

Competent person responsible for the safety data sheet

Name	NERILAB LLC
E-mail	info@neri.store

1.4. Emergency telephone number

Belgium: Antigif Centrum Centre Antipoisons, Tel. No.: +32 070 245 245
Bulgaria: National Toxicology Centre, Hospital for Active Medical Treatment and Emergency Medicine "N.I.Pirogov", Tel. No.: +359 2 9154 233
Cyprus: Cyprus Poison Center, Tel. No.: 1401
Croatia: Poison Control Centre, Tel. No.: +385 1 234 8342
Czech Republic: Toxicological Information Centre, Tel. No.: +420 224 919 293 / +420 224 915 402
Denmark: Danish Poison Center (Giftlinjen), Tel. No.: +45 82 12 12 12
Greece: Poison Information Centre, Tel. No.: (0030) 2107793777
Estonia: National poison information centre, Tel. No.: +372 794 3794 or 16662 national
Finland: Poison Information Centre, Tel. No.: +358 09 471 977 or 0800 147 111
France: ORFILA (INERIS), Tel. No.: +33 (0) 1 45 42 59 59
Hungary: Health Toxicological Information Service, Tel. No.: +36 80 20 11 99
Italy: Hosp. Niguarda Ca 'Granda - Milan, Tel. No.: +39 02 66101029; CAV National Toxicological Information Center - Pavia, Tel. No.: +39 038224444
Latvia: Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs, Tel. No.: +371 670 42473
Lithuania: The State Medicines Control Agency (SMCA), Poison Information Bureau (PIB), Tel. No.: +370 5 236 20 52
Luxembourg: Belgian Poison Center, Tel. No.: +352 8002 5500
Malta: Mater Dei Hospital, Tel. No.: +356 2545 0000
Netherlands: National Poisons Information Centre (NVIC). Only for the purpose of informing medical personnel in case of acute intoxications, Tel. No.: +31 (0) 88 755 8000
Norway: Norwegian Poisons Information Centre, Tel. No.: +47 22 59 13 00
Portugal: Poisons Information Centre, Tel. No.: +351 800 250 250
Poland: Europejski numer alarmowy: 112
Romania: Clinica ATI II Toxicologie Clinică, Tel. No.: +40 021 599 23 00
Slovenia: The uniform telephone number for emergency calls, Tel. No.: 112
Slovakia: National Toxicological Information Centre (NTIC), Tel. No.: +421 2 5477 4166
Spain: Toxicology Information Service, Tel. No.: +34 91 562 04 20
Sweden: Emergency telephone number 112 – ask for Poisons Information (in Swedish: – begär Giftinformation)
Ukraine: Emergency telephone number 112

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Irrit. 2, H315

Eye Dam. 1, H318

Most serious adverse effects on human health and the environment

Causes serious eye damage. Causes skin irritation.

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

Sodium laurate

INCI: SODIUM LAURATE

Hazard statements

H315

Causes skin irritation.

H318

Causes serious eye damage.

Precautionary statements

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P264

Wash hands and exposed parts of the body thoroughly after handling.

P280

Wear protective gloves/eye protection.

P302+P352

IF ON SKIN: Wash with plenty of water and soap.

P305+P351+P338

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

P310

Immediately call a POISON CENTER/doctor.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 56-81-5 EC: 200-289-5 Reach: 01-2119471987-18-xxxx	Glycerol INCI: GLYCERIN	20-25	not classified as dangerous	

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 7732-18-5 EC: 231-791-2 Reach: Empty	Water INCI: AQUA	20-25	not classified as dangerous	
CAS: 822-16-2 EC: 212-490-5 Reach: Empty	Sodium stearate INCI: SODIUM STEARATE	15-20	not classified as dangerous	
CAS: 57-55-6 EC: 200-338-0 Reach: 01-2119456809- 23-xxxx	Propane-1,2-diol INCI: PROPYLENE GLYCOL	10-15	not classified as dangerous	
CAS: 50-70-4 Reach: Empty	D-glucitol INCI: SORBITOL	10-15	not classified as dangerous	
CAS: 629-25-4 Reach: Empty	Sodium laurate INCI: SODIUM LAURATE	5-10	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335	
CAS: 9004-82-4 EC: 688-491-3 Reach: 01-2119488639- 16-xxxx	2-dodecoxyethyl hydrogen sulfate INCI: SODIUM LAURETH SULFATE	5-10	Skin Irrit. 2, H315 Eye Irrit. 2, H319	
CAS: 39354-45-5 EC: 609-656-8 Reach: 01-2119977087-25-xxx	Disodium Laureth Sulfosuccinate INCI: DISODIUM LAURETH SULFOSUCCINATE	1-5	Eye Irrit. 2, H319	
CAS: 7647-14-5 EC: 231-598-3 Reach: Empty	Sodium chloride INCI: SODIUM CHLORIDE	0,1-1	not classified as dangerous	
CAS: 57-11-4 EC: 200-313-4 Reach: 01-2119543894-28-xxxx	Stearic acid INCI: STEARIC ACID	0,1-0,5	not classified as dangerous	
CAS: 143-07-7 EC: 205-582-1 Reach: 01-2119538184- 40-xxxx	Lauric acid INCI: LAURIC ACID	0,1-0,5	Eye Dam. 1, H318	
CAS no.: 13463-67-7 EC no.: 236-675-5 Index: 022-006-00-2 REACH reg. no.: 01-2119489379- 17-xxxx	Titanium dioxide INCI: CI 77891	0,1-0,5	Carc. 2, H351 (inhalation)	1,2,3
CAS: 3794-83-0 EC: 223-267-7 Reach: 01-2119510391- 53-xxxx	Tetrasodium (1-hydroxyethylidene) bisphosphonate INCI: TETRASODIUM ETIDRONATE	0,01-0,1	Acute Tox. 4, H302 Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2, H319: C > 30 %	

Full text of all classifications and hazard statements is given in the section 16.

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SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

If in eyes

Do not rub your eyes – it could lead to mechanical damage of the cornea. Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

If swallowed

Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

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

If inhaled

Inhaling dust can cause corrosion of the breathing system.

If on skin

Causes skin irritation.

If in eyes

Causes serious eye damage.

If swallowed

Corrosion of the digestion system can occur.

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

Accommodate extinguishing components to the location of fire.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-

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off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

DNEL

Lauric acid INCI: LAURIC ACID					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	17.632 mg/m ³	Chronic effects systemic		ECHA
Consumers	Inhalation	4.348 mg/m ³	Chronic effects systemic		ECHA
Workers	Dermal	10 mg/kg bw/day	Chronic effects systemic		ECHA
Consumers	Dermal	5 mg/kg bw/day	Chronic effects systemic		ECHA
Consumers	Oral	2.5 mg/kg bw/day	Chronic effects systemic		ECHA

Propane-1,2-diol INCI: PROPYLENE GLYCOL					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	168 mg/m ³	Chronic effects systemic		ECHA

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Consumers	Inhalation	50 mg/m ³	Chronic effects systemic		ECHA
Workers	Inhalation	10 mg/m ³	Chronic effects local		ECHA
Consumers	Inhalation	10 mg/m ³	Chronic effects local		ECHA

Sodium chloride

INCI: SODIUM CHLORIDE

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	2068.62 mg/m ³	Chronic effects systemic		ECHA
Workers	Inhalation	2068.62 mg/m ³	Acute effects systemic		ECHA
Workers	Dermal	295.52 mg/kg bw/day	Chronic effects systemic		ECHA
Workers	Dermal	295.52 mg/kg bw/day	Acute effects systemic		ECHA
Consumers	Inhalation	443.28 mg/m ³	Chronic effects systemic		ECHA
Consumers	Inhalation	443.28 mg/m ³	Acute effects systemic		ECHA
Consumers	Dermal	126.65 mg/kg bw/day	Chronic effects systemic		ECHA
Consumers	Dermal	126.65 mg/kg bw/day	Acute effects systemic		ECHA
Consumers	Oral	126.65 mg/kg bw/day	Chronic effects systemic		ECHA
Consumers	Oral	126.65 mg/kg bw/day	Acute effects systemic		ECHA

Tetrasodium (1-hydroxyethylidene)bisphosphonate

INCI: TETRASODIUM ETIDRONATE

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	16.9 mg/m ³	Chronic effects systemic		ECHA
Consumers	Inhalation	4.2 mg/m ³	Chronic effects systemic		ECHA
Workers	Inhalation	10 mg/m ³	Chronic effects local		ECHA
Consumers	Inhalation	10 mg/m ³	Chronic effects local		ECHA
Workers	Dermal	48 mg/kg bw/day	Chronic effects systemic		ECHA
Consumers	Dermal	24 mg/kg bw/day	Chronic effects systemic		ECHA

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Consumers	Oral	2.4 mg/kg bw/day	Chronic effects systemic		ECHA
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PNEC

Lauric acid INCI: LAURIC ACID			
Route of exposure	Value	Value determination	Source
Drinking water	130 µg/l		ECHA
Water (intermittent release)	36 µg/l		ECHA
Drinking water	13 µg/l		ECHA
Microorganisms in sewage treatment	912 mg/l		ECHA
Freshwater sediment	11.32 mg/kg of dry substance of sediment		ECHA
Sea sediments	1.13 mg/kg of dry substance of sediment		ECHA
Soil (agricultural)	2.19 mg/kg of dry substance of soil		ECHA

Propane-1,2-diol INCI: PROPYLENE GLYCOL			
Route of exposure	Value	Value determination	Source
Drinking water	260 mg/l		ECHA
Water (intermittent release)	183 mg/l		ECHA
Marine water	26 mg/l		ECHA
Microorganisms in sewage treatment	20 g/l		ECHA
Freshwater sediment	572 mg/kg of dry substance of sediment		ECHA
Sea sediments	57.2 mg/kg of dry substance of sediment		ECHA
Soil (agricultural)	50 mg/kg of dry substance of soil		ECHA

Sodium chloride INCI: SODIUM CHLORIDE			
Route of exposure	Value	Value determination	Source
Freshwater environment	5 mg/l		ECHA
Microorganisms in sewage treatment	500 mg/l		ECHA

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8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Avoid direct skin contact with product. Identify potential areas for indirect skin contact. Wear gloves (tested to EN374) if hand contact with substance likely. Clean up contamination/spills as soon as they occur. Wash off any skin contamination immediately. Provide basic employee training to prevent / minimise exposures and to report any skin problems that may develop. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

Respiratory protection

Mask with a filter in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	solid
Colour	White
Odour	characteristic
Melting point/freezing point	62-66 °C
Boiling point or initial boiling point and boiling range	100-105 °C
Flammability	non-flammable
Lower and upper explosion limit	not applicable
Flash point	not applicable
Auto-ignition temperature	not applicable
Decomposition temperature	295 °C
pH	8,5-9,5 (undiluted)
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	not applicable
Density and/or relative density	
Density	1.05 g/cm ³
Relative vapour density	not applicable
Particle characteristics	data not available
Form	solid

9.2. Other information

None.

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SECTION 10: Stability and reactivity

10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Soap Base Neri Crystal White								
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	ATE		500000 mg/kg				Calculation of value	

Glycerol INCI: GLYCERIN								
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD50		27200 mg/kg bw		Rat	F		ECHA
Inhalation (aerosols)	LC50		>5850 mg/m ³ of air	6 hours	Rat	F/M		ECHA
Dermal	LD50		45 ml/kg bw		Guinea-pig	F/M		ECHA

Lauric acid INCI: LAURIC ACID								
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD50	OECD 401	>5000 mg/kg bw		Rat	F/M		ECHA

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Lauric acid

INCI: LAURIC ACID

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Inhalation (vapor)	LC50		>0.162 mg/l of air	4 hours	Rat	F/M		ECHA
Dermal	LD50	OECD 434	>2000 mg/kg bw		Rabbit	F/M		ECHA

Propane-1,2-diol

INCI: PROPYLENE GLYCOL

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD50		22000 mg/kg bw		Rat	F/M		ECHA
Inhalation (aerosols)	LC50		>317042 mg/m ³ of air	2 hours	Rabbit			ECHA
Dermal	LD50		>2000 mg/kg bw	24 hours	Rabbit			ECHA

Sodium chloride

INCI: SODIUM CHLORIDE

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD50		3980 mg/kg bw		Rat			ECHA

Stearic acid

INCI: STEARIC ACID

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD50	OECD 401	>5000 mg/kg bw		Rat	F/M		ECHA
Inhalation (vapor)	LC50		>0.162 mg/l of air	4 hours	Rat	F/M		ECHA
Dermal	LD50	OECD 434	>2000 mg/kg bw		Rabbit	F/M		ECHA

Tetrasodium (1-hydroxyethylidene)bisphosphonate

INCI: TETRASODIUM ETIDRONATE

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Oral	LD50	OECD 401	2850 mg/kg bw		Rat	F/M		ECHA

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Tetrasodium (1-hydroxyethylidene)bisphosphonate

INCI: TETRASODIUM ETIDRONATE

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination	Source
Dermal	LD50	OECD 402	>5000 mg/kg bw		Rabbit	F/M		ECHA

Skin corrosion/irritation

Causes skin irritation. Data for the components of the mixture are not available.

Serious eye damage/irritation

Causes serious eye damage. Data for the components of the mixture are not available.

Respiratory or skin sensitisation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Germ cell mutagenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Carcinogenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - single exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - repeated exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Aspiration hazard

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

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Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

Acute toxicity

Glycerol INCI: GLYCERIN						
Parameter	Method	Value	Exposure time	Species	Environment	Source
LC50		885 mg/l	96 hours	Fish (Salmo gairdneri)		ECHA
EC50		1955 mg/l	24 hours	Invertebrates (Daphnia magna)		ECHA
EC50		2900 mg/l	96 hours	Algae (Scenedesmus subspicatus)		ECHA

Lauric acid INCI: LAURIC ACID						
Parameter	Method	Value	Exposure time	Species	Environment	Source
LC50		5 mg/l	96 hours	Fish		ECHA
NOEC		2 mg/l	28 days	Fish		ECHA
EC50		3.6 mg/l	48 hours	Invertebrates (Daphnia magna)		ECHA
NOELR		≥1.3 mg/l	21 days	Invertebrates (Daphnia magna)		ECHA
EC50		>7.6 mg/l	72 hours	Algae		ECHA
NOEC		≥7.6 mg/l	72 hours	Algae		ECHA

Propane-1,2-diol INCI: PROPYLENE GLYCOL						
Parameter	Method	Value	Exposure time	Species	Environment	Source
LC50		40613 mg/l	96 hours	Fish (Oncorhynchus mykiss)		ECHA
LC50		18340 mg/l	48 hours	Invertebrates (Ceriodaphnia dubia)		ECHA
EC50		19000 mg/l	96 hours	Algae (Pseudokirchneriella subcapitata)		ECHA

Sodium chloride INCI: SODIUM CHLORIDE						
Parameter	Method	Value	Exposure time	Species	Environment	Source
LC50		5840 mg/l	96 hours	Fish (Lepomis macrochirus)		ECHA

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LC50		4.136 g/l	48 hours	Aquatic invertebrates		ECHA
EC50		2430 mg/l	120 hours	Algae (Selenastrum capricornutum)		ECHA
LC50		874 mg/l	24 hours	Aquatic invertebrates		ECHA

Stearic acid

INCI: STEARIC ACID

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC50		>10000 mg/l	48 hours	Fish		ECHA
EC50		>32 mg/l	48 hours	Invertebrates (Daphnia magna)		ECHA
EC50		>0.9 mg/l	72 hours	Algae		ECHA

Tetrasodium (1-hydroxyethylidene)bisphosphonate

INCI: TETRASODIUM ETIDRONATE

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC50	OECD 204	195 mg/l	96 hours	Fish (Oncorhynchus mykiss)		ECHA
NOEC		60 mg/l	14 days	Fish (Oncorhynchus mykiss)		ECHA
LC50		2400 mg/l	48 hours	Invertebrates (Palaemonetes pugio)		ECHA
NOEC		6.75 mg/l	28 days	Invertebrates (Daphnia magna)		ECHA

Chronic toxicity

Sodium chloride

INCI: SODIUM CHLORIDE

Parameter	Value	Exposure time	Species	Environment	Source
NOEC	252 mg/l	33 days	Fish (Pimephales promelas)		ECHA
NOEC	314 mg/l	21 days	Aquatic invertebrates		ECHA

Sodium chloride

INCI: SODIUM CHLORIDE

Parameter	Value	Exposure time	Species	Environment	Source
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LOEC	352-734 mg/l	33 days	Fish (Pimephales promelas)		ECHA
LOEC	441 mg/l	21 days	Aquatic invertebrates		ECHA

12.2. Persistence and degradability

No data are available for either the mixture or the components.

12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

12.4. Mobility in soil

No data are available for either the mixture or the components.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

- Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.
- Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste.

SECTION 14: Transport information

14.1. UN number or ID number

Not subject to transport regulations.

14.2. UN proper shipping name

Not relevant.

14.3. Transport hazard class(es)

Not relevant.

14.4. Packing group

Not relevant.

14.5. Environmental hazards

No.

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14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

SECTION 15: Regulatory information

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

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out (mixture).

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

- | | |
|------|-----------------------------------|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |

Guidelines for safe handling used in the safety data sheet

- | | |
|----------------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P264 | Wash hands and exposed parts of the body thoroughly after handling. |
| P280 | Wear protective gloves/eye protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of water and soap. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER/doctor. |

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

- | | |
|-----|---|
| ADR | European agreement concerning the international carriage of dangerous goods by road |
| BCF | Bioconcentration Factor |
| CAS | Chemical Abstracts Service |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of |

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	substance and mixtures
EC	Identification code for each substance listed in EINECS
EC50	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD50	Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
NOEC	No observed effect concentration
NOEL	No observed effect level
NOELR	No Observed Effect Loading Rate
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.

Acute toxicity

Eye Dam.

Serious eye damage

Skin Irrit.

Skin irritation

STOT SE

Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

Not available.

Information about data sources used to compile the Safety Data Sheet

The ECHA database on registered substances and the ECHA classification and labelling inventory. GESTIS -

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the Information system on hazardous substances of the German Social Accident Insurance. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers. eChemPortal -the Global Portal to Information on Chemical Substances.

More information

Classification procedure - calculation method.

Statement

The data contained in this Safety Data Sheet must be available to anyone whose work is related to the product. The data corresponds to the current state of knowledge, national and EU legislation. The information provided indicates the safety requirements for the use of this product, but does not disclose other specific product features. The information is correct to the best of our knowledge at the date of preparation of the product Safety Data Sheet. This is not a specification sheet and any data provided should not be considered a specification. The information in this product Safety Data Sheet has been obtained from sources we believe to be reliable. Certain information and conclusions in this document are derived from sources other than direct data from tests or research on the product itself. The recipient of the product is responsible for compliance with applicable laws regarding handling, storage, use and disposal. If the product is used as a component in another product, the information in this product's Safety Data Sheet may not be valid.