

# SAFETY DATA SHEET



in accordance with Regulation (EC) No 1907/2006 of the European Parliament as amended

## ALEXANDRITE Organic Acid Shampoo

Prepared on 02/04/2021  
Updated on Version 1.0

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

- 1. Product identifier**  
Substance / mixture ALEXANDRITE Organic Acid Shampoo  
UFI mixture YF00-F0T7-H00J-4RHS  
Other names for the mixture ALEXANDRITE
- 2. Relevant identified uses of the substance or mixture and uses advised against**  
**Intended uses of the mixture**

#### Uses of the mixture advised against

Do not use for uses other than those indicated in section 1.

#### Main intended use

Exterior cleaning products — all vehicle types

### 3. Details of the supplier of the safety data sheet

#### Supplier

Name or business name AUTO-BLAK Sp. z.o.o  
Address Farbiarska 25a, 02-862 Warsaw, Poland  
NIP No. PL1230950444  
Telephone No. +48 22 899 19 66  
E-mail serwis@auto-blak.pl

#### E-mail address of the competent person responsible for the Safety Data Sheet

Name Auto Graph Detailing  
E-mail hello@auto-graph.eu

### 4. Emergency telephone number

112

### SECTION 2: Hazards identification

#### 1. Classification of the substance or mixture

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

The mixture is classified as hazardous.

Skin Irrit. 2, H315

Eye Dam. 1, H318

Full text of all classifications and H statements is provided in section 16.

#### The most serious negative effects on human health and the environment

Causes severe skin burns and eye damage. Causes serious eye damage.

### 2. Label elements



#### Hazard pictogram

#### Signal word

Danger

#### Hazardous substances

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, NC8-18-acyl derivatives, hydroxides, neutral salt

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### 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 affected body parts thoroughly after handling.  
P280 Wear eye protection.  
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 doctor

### Additional information

<5% anionic surfactants, <5% amphoteric surfactants, <5% non-ionic surfactants, aromatic compositions

### 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. The mixture does not contain any substance meeting 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

#### Chemical description

Mixture of substances and additives specified below.

**The mixture contains the following hazardous substances and substances with specified occupational exposure limits**

Identification numbers	Substance name	Content in % weight	Classification in accordance with Regulation (EC) No.	Note
CAS: 61789-40-0 EC: 263-058-8 Registration number: 01-2119488533-30	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, NC8-18-acyl derivatives, hydroxides, neutral salt	4-4.6	1272/2008 Eye Dam. 1, H318	
CAS: 68439-57-6 EC: 270-407-8 Registration number: 01-2119513401-57	Sulphonic acids, C14-16 (even numbered) - alkane hydroxy and C14-16 (even numbered) -alkene, sodium salts	1.8-1.9	Skin Irrit. 2, H315 Eye Dam. 1, H318 Specific concentration limit Eye Dam. 1, H318: C ≥ 38 % Eye Irrit. 2, H319: 5 % ≤ C < 38 % Skin Irrit. 2, H315: C ≥ 5 %	
CAS: 2809-21-4 EC: 220-552-8 Registration number: 01-2119510391-53	Hydroxyethylenediphosphonic acid	1	Met. Corr. 1, H290 Acute Tox. 4, H302	
Index: 607-743-00-5 CAS: 79-33-4 EC: 201-196-2	(2S)-2-hydroxypropanoic acid	1	Skin Corr. 1C, H314 Eye Dam. 1, H318 EUH071	
CAS: 68515-73-1 EC: 500-220-1 Registration number: 01-2119488530-36	Alkyl polyglycoside	0.8-1	Eye Dam. 1, H318	

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Identification numbers	Substance name	Content in % weight	Classification in accordance with Regulation (EC) No.	Note
Index: 011-002-00-6 CAS: 1310-73-2 EC: 215-185-5	sodium hydroxide	0.5	1272/2008 Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318 Specific concentration limit Skin Corr. 1B, H314: 2 % ≤ C < 5 % Skin Corr. 1A, H314: C ≥ 5 % Eye Irrit. 2, H319: 0.5 % ≤ C < 2 % Skin Irrit. 2, H315: 0.5 % ≤ C < 2 %	1
Index: 603-098-00-9 CAS: 122-99-6 EC: 204-589-7	2-	0.01-0.05	Acute Tox. 4, H302	1

### Notes

1 Substance with a Community workplace exposure limit.

Full text of all classifications and H statements is provided in section 16.

## SECTION 4: First aid measures

### 1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a physician and show them information from the product safety data sheet. If any health problems are manifested or if in doubt, inform a physician and show them information from the product safety data sheet. In the event of unconsciousness, place the victim in a stable position on their side, head slightly tilted to maintain their airway, never induce vomiting. If the victim vomits spontaneously, care should be taken to prevent suffocation from vomit. In the event of a life-threatening situation, first resuscitate the victim and seek medical attention. Apnoea - perform artificial respiration immediately. Cardiac arrest - perform indirect cardiac massage immediately.

#### Inhalation

Take care of your own safety, do not let the exposed person walk! Stop exposure immediately, remove victim to fresh air. Beware of contaminated clothes. Depending on the situation, call an ambulance and ensure medical care due to the frequent need for further observation for a period of at least 24 hours.

#### Skin contact

Remove contaminated clothing Put away contaminated clothing. Before or during washing, remove rings, watches and bracelets, if they are in places of contact of the substance with the body. Depending on the situation, call an ambulance and always provide medical attention. Rinse the contact areas with the body with a stream of lukewarm water (if possible) for 10-30 minutes; do not use brush, soap or neutraliser. Rinse skin with water or shower. Rinse cautiously with water for several minutes.

#### Eye contact

Do not rub the eyes, so as not to damage the cornea as a result of mechanical injury. Rinse eyes immediately with a stream of water, lift the eyelids (even with force); if the victim wears contact lenses, remove them immediately. Rinse eyes immediately with a stream of water, lift the eyelids (even with force); if the victim wears contact lenses, remove them immediately. Do not neutralise in any case! Rinse for 10-30 minutes from the inner to the outer corner to prevent the other eye from becoming contaminated. Depending on the situation, call an ambulance or provide medical attention as soon as possible. Everyone should be referred for tests, even in the case of minor contamination.

#### Ingestion

Do not induce VOMITING! Even induction of vomiting alone can cause complications, for example in the case of detergents and other foam-producing substances.

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- 2. Most important symptoms, acute and delayed and effects of exposure**  
**Inhalation**  
Inhalation of dust may cause damage to the respiratory system.  
**Skin contact** Causes severe skin burns. **Eye contact** Causes serious eye damage. **Ingestion**  
The digestive system may be damaged.
- 3. Indication of immediate medical attention and special treatment needed, if necessary**  
Symptomatic treatment

### SECTION 5: Firefighting measures

- 1. Extinguishing media**  
**Suitable extinguishing media**  
Alcohol-resistant foam, carbon dioxide, powder, water spray, water mist.  
**Not suitable extinguishing media**  
Water - full jet.
- 2. Specific 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.
- 3. Advice for firefighter**  
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 contaminated fire extinguishing material to enter drains or surface and ground water.

### SECTION 6: Accidental release measures

- 1. Personal precautions, protective equipment and emergency procedures**  
Use personal protective equipment for work. Follow the instructions provided in Sections 7 and 8. Avoid breathing dust. Prevent contact with skin and eyes.
- 2. Environmental precautions**  
Prevent contamination of the soil and entering surface or ground water.
- 3. Methods and material for containment and cleaning up**  
Collect the product mechanically in an appropriate manner. Dispose of the collected material in accordance with local regulations.
- 4. Reference to other sections**  
See sections 7, 8 and 13.

### SECTION 7: Handling and storage of substances and mixtures

- 1. Precautions for safe handling**  
Prevent the formation of gases and vapours in concentrations exceeding the occupational exposure limits. Avoid breathing dust. Prevent contact with skin and eyes. Wash hands and affected body parts thoroughly after handling. Use personal protective equipment in accordance with Section 8. Observe valid legal regulations on safety and health protection.
- 2. Conditions for safe storage, including any incompatibilities**  
  
Store in tightly closed containers in a dedicated, cool, dry and well ventilated place. Store locked up.

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Content	Type of packaging	Packaging material
500 ml	bottle	HDPE
1,000 ml	bottle	HDPE
5 l	canister	HDPE
10 l	canister	HDPE
25 l	canister	HDPE
20 l	canister	HDPE
30 l	canister	HDPE
100 l	barrel	HDPE
200 l	barrel	HDPE
750 ml	barrel	HDPE

3. **Specific end use(s)**  
data not available

### SECTION 8: Exposure controls/personal protection

#### 1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

#### Poland

Journal of Laws 2018

Substance name (ingredients)	Type	Value 0.5
sodium hydroxide (CAS: 1310-73-2)	TLV	mg/m <sup>3</sup>
	STEL	1 mg/m <sup>3</sup>
2-phenoxyethanol (CAS: 122-99-6)	TLV	230 mg/m <sup>3</sup>

#### item 1286

#### DNEL

1. Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, NC8-18-acyl derivatives, hydroxides, neutral salt

Workers / consumers	Route of exposure	Value	Effect	Determining
Workers	Inhalation	44 mg/m <sup>3</sup>	Systemic chronic effects	
Workers	Dermal	12.5 mg/kg bw/day	Systemic chronic effects	
	Inhalation			
Consumers	Dermal	13.04 mg/m <sup>3</sup>	Systemic chronic effects	
Consumers		7.5 mg/kg	Systemic chronic effects	

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Workers / consumers	Route of exposure	Value	Effect	Determining
Workers	Inhalation	5.7 mg/m <sup>3</sup> air	Systemic chronic effects	
Workers	Inhalation	5.7 mg/m <sup>3</sup> air	Local chronic effects	
Workers	Dermal Inhalation	20.83 mg/kg bw/day	Systemic chronic effects	
Consumers		2.41 mg/m <sup>3</sup> air	Systemic chronic effects	
Consumers	Inhalation	2.41 mg/m <sup>3</sup> air	Local chronic effects	
Consumers	Dermal Ingestion	10.42 mg/kg bw/day	Systemic chronic effects	
Consumers	Ingestion	9.23 mg/kg bw/day	Systemic chronic effects	
Consumers		9.23 mg/kg	Short-term systemic effects	

2-phenoxyethanol  
Alkyl polyglycoside C8-10

Workers / consumers	Route of exposure	Value	Effect	Determining
Workers	Inhalation	420 mg/m <sup>3</sup>	Systemic chronic effects Systemic	
Consumers	Inhalation	124 mg/m <sup>3</sup>	chronic effects	
Workers	Dermal Dermal	59500 mg/kg bw/day	Systemic chronic effects	
Consumers	Ingestion	35,700 mg/kg bw/day	Systemic chronic effects	
Consumers		35.7 mg/kg	Systemic chronic effects	

Hydroxyethylenediphosphonic acid

Workers / consumers	Route of exposure	Value	Effect	Determining
Workers	Inhalation	12 mg/m <sup>3</sup>	Systemic chronic effects Systemic	
Consumers	Inhalation	2.95 mg/m <sup>3</sup>	chronic effects	
Workers	Dermal Dermal	34 mg/kg bw/day	Systemic chronic effects	
Consumers	Ingestion	17 mg/kg bw/day	Systemic chronic effects	
Consumers	Ingestion	1.7 mg/kg bw/day	Systemic chronic effects	
Consumers		1.7 mg/kg	Local chronic effects	

sodium hydroxide

Workers / consumers	Route of exposure	Value	Effect	Determining
Workers	Inhalation	1 mg/m <sup>3</sup>	Local chronic effects	
Consumers	Inhalation	1 mg/m <sup>3</sup>	Local chronic effects	

### PNEC

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, NC8-18-acyl derivatives, hydroxides, neutral

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salt

Route of	Value	Determining
Drinking	0.013 mg/l	
water	0.001 mg/l	

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Route of exposure	Value	Determining method
Freshwater	11.1 mg/kg	
sediments Sea	1.11 mg/kg	
sediments	300 mg/l	
Microorganisms in wastewater	0.85 mg/kg of soil dry matter	

treatment plants Soil (agricultural) Alkyl

polyglycoside C8-10	Value	Determining method
Route of exposure		
Drinking water	176 µg/l	
Water (periodic leak)	270 µg/l	
Seawater	17.6 µg/l	
	560 mg/l	
Microorganisms in Wastewater treatment plants	1.516 mg/kg of dry weight of sediment	
Freshwater sediments	0.152 mg/kg of dry weight of sediment	

Sea sediments

Hydroxyethylenediphosphonic acid

Route of	Value	Determining
Drinking water	68 µg/l	
Seawater	6.8 µg/l	
Microorganisms in wastewater treatment	40 mg/l	
	136 mg/kg of dry weight of sediment	
Sea sediments	13.6 mg/kg of dry weight of sediment	

## 2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved by local air 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 protection

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

### Skin protection

Hand protection: Protective gloves resistant to the product. 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 dust filter if the exposure limits of the substance are exceeded or in an inadequately ventilated environment.

### Thermal hazard

Data not available.

### Environmental exposure control

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

## SECTION 9: Physical and chemical properties



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### 1. Information on basic physical and chemical properties

Physical state	liquid
Colour	pink
Odour	data not available

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Melting point/freezing point	data not available
Boiling point or initial boiling point data not available and boiling range	
Flammability of the materials	data not available
Lower and upper explosive limit	data not available
Flash point	data not available
Autoignition temperature	data not available
Decomposition temperature	data not available
pH	4-5 (undiluted)
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient: n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density or relative density	
density	1.0 - 1.2 g/cm <sup>3</sup>
Relative vapour density	data not available
Particle characteristics	data not available

### 2. Other information

data not available

## SECTION 10: Stability and reactivity

### 1. Reactivity

data not available

### 2. Chemical stability

The product is stable under normal conditions.

### 3. Possibility of hazardous reactions

Unknown.

### 4. Conditions to avoid

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

### 5. Incompatible materials

Protect against strong acids and bases as well as oxidising agents.

### 6. Hazardous decomposition products

Under normal conditions of use, hazardous decomposition products should not be produced. Dangerous products such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

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

Inhalation of solvent vapours above the occupational exposure limits may lead to acute inhalation poisoning, depending on the concentration level and duration of exposure. No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, NC8-18-acyl derivatives, hydroxides, neutral salt

Route of exposure	Method	Value	Time of exposure	Species	Sex
Ingestion LD <sub>50</sub>		2335 mg/kg		Rat (Rattus norvegicus)	F/M

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### 2-phenoxyethanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Inhalation	LC <sub>50</sub>	OECD 412	>1,000 mg/m <sup>3</sup> air	6	Rat (Rattus norvegicus)	F/M
Dermal LD <sub>50</sub>			>2214 mg/kg		Rabbit	F/M
Ingestion LD <sub>50</sub>		OECD 401	1840 mg/kg		Rat (Rattus norvegicus)	F

### (2S)-2-hydroxypropanoic acid

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Ingestion LD <sub>50</sub>		OECD 401	3730 mg/kg		Rat (Rattus norvegicus)	F/M
Dermal	LD <sub>50</sub>	OECD 402	>2000 mg/kg		Rabbit	F/M

### Hydroxyethylenediphosphonic acid

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Ingestion LD <sub>50</sub>			1800 mg/kg		Mous	F/M
Dermal LD <sub>50</sub>			>5,000 mg/		e	F/M

### Sulphonic acids, C14-16 (even numbered) - alkane hydroxy and C14-16 (even numbered)

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Ingestion LD <sub>50</sub>		OECD 401	2,079 mg/kg bw		Rat (Rattus norvegicus)	F/M
Dermal LD <sub>50</sub>		OECD 402	6300 mg/kg bw		Rabbit	F/M
Inhalation	LC <sub>50</sub>	OECD 403	0.052 mg/m <sup>3</sup> air	4	Rat (Rattus norvegicus)	F/M

### sodium hydroxide

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Ingestion LD <sub>50</sub>			40 mg/kg		Mous	F/M
Intraperitoneal	LD <sub>50</sub>		40 mg/kg		e	F/M

#### Skin corrosion/irritation

Causes severe skin burns and eye damage.

#### Serious eye damage/irritation

Causes severe skin burns and eye damage. Causes serious eye damage.

### 2-phenoxyethanol

Route of exposure	Result	Method	Time of exposure	Species
Eyes	Irritating	OECD 405	360	Rabbi

#### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

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### Germ cell mutagenicity

Based on available data the classification criteria are not met.

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### Carcinogenicity

Based on available data the classification criteria are not met.

### Reproductive toxicity

Based on available data the classification criteria are not met.

### Specific target organ toxicity – single exposure

Based on available data the classification criteria are not met.

### Specific target organ toxicity – repeated exposure

Based on available data the classification criteria are not met.

### Aspiration hazard

Based on available data the classification criteria are not met.

## 2. Information on other hazards

data not available

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute toxicity

Data for the mixture are not available.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, NC8-18-acyl derivatives, hydroxides, neutral salt

Parameter	Method	Value	Time of exposure	Species	Environment
LC <sub>50</sub>		1.1 mg/l	96 hours	Fish (Pimephales promelas)	Seawater
LC <sub>50</sub>		1.11 mg/l	96	Fish (Pimephales promelas)	Fresh water

(2S)-2-hydroxypropanoic acid

Parameter	Method	Value	Time of exposure	Species	Environment
LC <sub>50</sub>		320 mg/l	96 hours	Fish (Branchydanio rerio)	
CE <sub>50</sub>		240 mg/l	48 hours	Daphnia (Daphnia magna)	
CE <sub>50</sub>		3500 mg/l	70 hours	Algae (Selenastrum capricornutum)	

Hydroxyethylenediphosphonic acid

Parameter	Method	Value	Time of exposure	Species
er LC <sub>50</sub>		>350 mg/l	96 hours	Fish (Rainbow Trout)
CE <sub>50</sub>		>292 mg/l	48 hours	

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Daphnia (Daphnia magna) Environment

Sulphonic acids, C14-16 (even numbered) - alkane hydroxy and C14-16 (even numbered)

-alkene, sodium salts			Time of exposure		Environme
LC <sub>50</sub>	OECD 202	>64 mg/l	6 hours	Daphnia (Daphnia magna)	

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Sulphonic acids, C14-16 (even numbered) - alkane hydroxy and C14-16 (even numbered)

Parameter	Method	Value	Time of exposure	Species	Environment
CE <sub>50</sub>	OECD 201	45 mg/l	48 hours	Algae (Selenastrum)	

sodium hydroxide

Parameter	Method	Value	Time of exposure	Species	Environment
CE <sub>50</sub>		40.4 mg/l	48 hours	Daphnia (Daphnia magna)	Fresh water
CE <sub>50</sub>		22 mg/l	15 min	Microorganisms (Photobacterium phosphoreum)	

### 12.2. Persistence and degradability

#### Biodegradation

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, NC8-18-acyl derivatives, hydroxides, neutral salt

Parameter	Value	Time of exposure	Environment	Result
	76.3 %	28 days		Easily biodegradable

The mixture is biodegradable.

### 3. Bioaccumulative potential

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, NC8-18-acyl derivatives, hydroxides, neutral salt

Parameter	Value	Time of exposure	Species	Environment	Ambient temperature [°C]
BCF	71				
Log Pow	-1.38				

Data not available.

### 4. Mobility in soil

Data not available.

### 5. Results of PBT and vPvB assessment

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

### 6. Endocrine disrupting properties

data not available

### 7. Other adverse effects

Data not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with The Act of 14 December 2012 on waste (Journal of Laws of 2020, item 797, as amended) and the executive regulations on waste disposal.

#### Waste management legislation

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Act of 14 December 2012 on waste (Journal of Laws of 2020, item 797, as amended). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Directive 94/62/EC on packaging and packaging waste. Regulation of the Minister of Climate of 2 January 2020 on the catalogue of wastes (Journal of Laws of 2020, item 10)

### Waste type code

20 01 29 Detergents containing dangerous substances \*



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<b>Packaging waste type code</b> 15 01 02 Plastic packaging (* ) - hazardous waste according to Directive 2008/98/EC on hazardous waste			

### SECTION 14: Transport information

- 1. UN number or ID number**  
Not subject to ADR
- 2. UN proper shipping name**  
data not available
- 3. Transport hazard class(es)**  
data not available
- 4. Packing group**  
data not available
- 5. Environmental hazards**  
not applicable
- 6. Special precautions for users**  
Reference in sections 4 to 8.
- 7. Maritime transport in bulk according to IMO instruments**  
data not available

### SECTION 15: Regulatory information

- 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 the 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 (Journal of Laws L 396 of 30 December 2006, as amended).  
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 (Journal of Laws L 203 of 26 June 2020, as amended).  
REGULATION (EC) NO. 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents (Journal of Laws L 104 of 8.4.2004, as amended).  
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 (Journal of Laws L 353 of 31st December 2008, as amended).  
European agreement concerning the international carriage of dangerous goods by road (ADR), concluded in Geneva on 30 September 1957.  
Act of 25 February 2011 on the chemical substances and their mixtures (Journal of Laws of 2011 No. 63 item 322, as amended). Act of 14 December 2012 on waste (Journal of Laws of 2013, item 21, as amended).  
Act of 13 June 2013 on packaging management and packaging waste (Journal of Laws of 2013, item 888, as amended).  
Act of 19 August 2011 on the transport of dangerous goods (Journal of Laws of 2011 No. 227, item 1367, as amended). Regulation of the minister of health of 30 December 2004 on health and safety at work associated with the presence of chemical agents in the workplace (Journal of Laws of 2005 No. 11 item 86, as amended).
- 2. Chemical safety assessment**  
A safety assessment for the mixture is not required.

### SECTION 16: Other information

#### A list of hazard statements used in the safety data sheet

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.

# SAFETY DATA SHEET



in accordance with Regulation (EC) No 1907/2006 of the  
European Parliament as amended

## **ALEXANDRITE (organic acid shampoo)**

Prepared on	02/04/2021		
Updated on		Version	1.0
H318	Causes serious eye damage.		
H319	Causes serious eye irritation.		
H412	Harmful to aquatic life with long-lasting effects.		

# SAFETY DATA SHEET



in accordance with Regulation (EC) No 1907/2006 of the European Parliament as amended

## ALEXANDRITE (organic acid shampoo)

Prepared on	02/04/2021	Version	1.0
Updated on			

### A list of precautionary statements 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 affected body parts thoroughly after handling.
- P280 Wear eye protection.
- 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 doctor

### A list of additional hazard statements used in the safety data sheet

- EUH071 Corrosive to the respiratory tract.

### Further information important for the safety and protection of human health

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than those specified in 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
- CE<sub>50</sub> Concentration of a substance which affects 50% of the population
- CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
- DNEL Derived No-Effect Level
- EINECS European Inventory of Existing Commercial Chemical Substances
- EmS Emergency plan
- EuPCS European Product Categorisation System
- IATA International Air Transport Association
- IBC International code for the construction and equipment of ships carrying dangerous chemicals in bulk
- IC<sub>50</sub> Half maximal inhibitory concentration
- ICAO International Civil Aviation Organisation
- IMDG International Maritime Dangerous Goods INCI International Nomenclature of Cosmetic Ingredients
- ISO International Organisation for Standardisation
- IUPAC International Union of Pure and Applied Chemistry
- LC<sub>50</sub> Lethal concentration of a substance which can be expected to cause the death of 50% of the population
- LD<sub>50</sub> Lethal dose of a substance which can be expected to cause the death of 50% of the population
- LOAEC Lowest Observed Adverse Effect Concentration
- LOAEL Lowest Observed Adverse Effect Level
- log Kow Octanol-water partition coefficient
- VOC Volatile Organic Compounds
- MARPOL International Convention for the Prevention of Pollution from Ships TLV Threshold Limit Value
- STEL Short-Term Exposure Limit
- CEL Ceiling Exposure Limit
- NOAEC No-observed-adverse-effect concentration NOAEL No-observed-adverse-effect level NOEC No-observed-effect concentration
- NOEL No-observed-effect level
- OEL Occupational Exposure Limits
- PBT Persistent, Bioaccumulative and Toxic

# SAFETY DATA SHEET



in accordance with Regulation (EC) No 1907/2006 of the  
European Parliament as amended

## **ALEXANDRITE (organic acid shampoo)**

Prepared on	02/04/2021		
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PNEC	Predicted No-Effect Concentration		
ppm	Parts per million		
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals		

# SAFETY DATA SHEET



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## ALEXANDRITE (organic acid shampoo)

Prepared on	02/04/2021	Version	1.0
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RID	Regulation concerning the International Carriage of Dangerous Goods by Rail UE
UN	Four-digit identification number of the substance or article based on "UN Model Regulations"

UVCB Chemical Substances of Unknown or Variable Composition, Complex Reaction Products and Biological Materials

vPvB Very Persistent and very Bioaccumulative EC Identification code for each substance listed in the EINECS

Acute Tox. Acute toxicity

Aquatic Chronic Hazardous to the aquatic environment (chronic) Eye Dam.

Serious eye damage

Eye Irrit. Eye irritation

Met. Corr. Substance or mixture corrosive to metals Skin Corr.

Skin corrosion

Skin Irrit. Skin irritation

### 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

data not available

### Information about data sources used to compile the safety data sheet

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH) as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council as amended. Data from the manufacturer of the substance/mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.