

	SAFETY DATA SHEET		Code : EN LAB REG 15 E – En Version : 3 Date d'application : 27/07/2022 Page 1/5
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According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Revision of the safety data sheet: 29/02/2024

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

1.1 Product identifier

Commercial name **AQUALGAE range**
Reference **F349 – F350 – F351 – F364 – F365 – F366 – F406**
Nanoform Not applicable

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

Use Cosmetic ingredient

1.3 Details of the supplier of the safety data sheet

Manufacturer LESSONIA – Croas ar Neizic – 29800 SAINT-THONAN – France
Phone +33 (0)2 98 07 23 65
Mail info@lessonia.com

1.4 Emergency telephone number

Lessonia +33 (0)2 98 07 23 65
Other ORFILA number (INRS) : + 33 (0)1 45 42 59 59

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classified as dangerous according to the regulation (EC) n° 1272/2008 (GHS/CLP)

2.2 Label elements

Not applicable

2.3 Other hazards

The mixture does not contain substances $\geq 0.1\%$ listed in accordance with Article 59(1) of REACH or known to have endocrine disrupting properties in accordance with the criteria set out in the Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2

Mixtures

Description	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 (CLP)		
			Pictogram code(s), signal words	Hazard categories	Hazard statement
Potassium sorbate	CAS number: 24634-61-5 EC number: 246-376-1 REACH: 17-2119977514-28	0.2	GHS07 Warning	Eye Irrit. 2	H319 Causes serious eye irritation
Sodium benzoate	CAS number: 532-32-1 EC number: 208-534-8 REACH : 01-2119460683-35	0.2	GHS07 Warning	Eye Irrit. 2	H319 Causes serious eye irritation

Acide citrique monohydrate	CAS number : 5949-29-1 EC number: 201-069-1 REACH: 01-2119457026-42	0.1	GHS07 Warning	Eye Irrit. 2	H319 Causes serious eye irritation
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4 FIRST AID MEASURES

4.1 Description of first aid measures

General advice	No specific advice
Inhalation	Not concerned
Contact with the skin	Rinse it
Contact with eyes	Eliminate the product with water, see a doctor. Do not rub.
Ingestion	No immediate danger, see a doctor if necessary

4.2 Most important symptoms and effects, both acute and delayed

Non-hazardous under normal conditions of use.

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Water, CO₂, Powder

5.2 Special hazards arising from the substance or mixture

No known specific hazard

5.3 Advice for firefighters

Individual measures Wear a respiratory apparatus of protection autonomous insulator.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Gloves, glasses and mask can be worn

6.2 Environmental precautions

Do not reject in sewer pipes or river

6.3 Methods and material for containment and cleaning up

Collect the product and put it in drums

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not eat, drink and smoke in work areas. Wash hands after use and remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Packaging materials: Waterproof material
Store away from heat, light, humidity - keep away from foodstuffs

7.3 Specific end use(s)

No additional data available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Does not contain substances with national occupational exposure limit values.

8.2 Exposure controls

Hands protection	Gloves recommended
Eyes protection	Goggles recommended
Respiratory protection	Respiratory mask recommended
Skin and body protection	Working clothes recommended

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Aspect	Liquid	- pH	7,0 – 8,0
- Color	Colourless	- Boiling point	Not studied
- Smell	Light	- Flash point	Not studied
- Solubility	Soluble in water	- Explosion hazard	None

9.2 Other information

No additional data available.

10 STABILITY AND REACTIVITY

10.1 Reactivity

The mixture is not reactive under normal conditions of use.

10.2 Chemical stability

The mixture is stable under normal conditions of use.

10.3 Possibility of hazardous reactions

No additional data available.

10.4 Conditions to avoid

Heat, light, humidity

10.5 Incompatible materials

None

10.6 Hazardous decomposition products

No additional data available.

11 TOXICOLOGICAL INFORMATION

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

Acute toxicity	No additional data available.
Skin corrosion/irritation	Non-irritant under normal conditions of use.
Serious eye damage/irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ cell mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.

11.2 Information on other hazards

No additional data available.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Potassium sorbate (REACH Dossier)	: EC50 / 48 h : 982 mg/l (Daphina magna) (OECD 202) 480 mg/l (Desmodesmus subspicatus) (OECD 201)
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Sodium benzoate	<p>LC50 / 96 h : >500 mg/l (Brachydanio rerio) (OECD 203) NOEC / 21 d : 50 mg/l (Daphnia magna) (OECD 211) Based on the available data the classification criteria for hazard classes aquatic, chronic (long term) and acute (short term) toxicities are not fulfilled.</p> <p>: EC₁₀ / 72 h : 6.5 mg/l (Algae) EC₅₀ / 72 h : > 30.5 mg/l (Algae) (OECD 201) EC₅₀ / 48 h : > 100 mg/l (Daphnia magna) (OECD 202) LC₅₀ / 96 h : > 100 mg/l (Leuciscus idus m.) NOEC / 6 d : 10 mg/l (Brachydanio rerio) Based on the available data the classification criteria for hazard classes aquatic, chronic (long term) and acute (short term) toxicities are not fulfilled.</p>
Citric acid	<p>: LC50 / 48h : 440 mg/l (Leuciscus idus m.) (OECD 203) LC₅₀ / 24 h : 1535 mg/l (Daphnia magna) NOEC / 8 d : 425 mg/l (Scenedesmus quadricauda) TT / 16 h : 10000 mg/l (Pseudomonas putida) Based on the available data the classification criteria for hazard classes aquatic, chronic (long term) and acute (short term) toxicities are not fulfilled.</p>

12.2 Persistence and degradability

Potassium sorbate (REACH Dossier)	<p>: OECD 301 D : 74,9 % (Activated Sludge) read across from CAS-no. 110-44-1 The component is degradable.</p>
Sodium benzoate	<p>: OECD 301 B : 90 % (Activated Sludge) The component is rapidly degradable.</p>
Citric acid	<p>: OECD 301 D : 97 % (Activated Sludge) OECD 301 E : 100 % The component is rapidly degradable.</p>

12.3 Bioaccumulative potential

Potassium sorbate (REACH Dossier)	<p>: OECD 117 LogKow (HPLC Method) ≤1,72 (n-octanol/water) Not worth-mentioning accumulating in organisms</p>
Sodium benzoate	<p>: OECD 117 Log Kow Partition Coefficient -2.27 (n-Octanol/water) Not worth-mentioning accumulating in organisms</p>
Citric acid	<p>: OECD 117 Log Kow Partition Coefficient -1.8 à -0.2 (n-Octanol/water) Not worth-mentioning accumulating in organisms</p>

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB assessment

No additional data available.

12.6 Endocrine disrupting properties

No additional data available.

12.7 Other adverse effects

No additional data available.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	Recycle or dispose of in accordance with local regulations. Do not dispose of by discharge into sewers or rivers.
Packaging materials	Recycle or dispose of in accordance with local regulations. Do not dispose of by discharge into sewers or rivers.

14 TRANSPORT INFORMATION

Not dangerous goods according to transport regulations.

15 REGULATORY INFORMATION

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

Does not contain any substances subject to restrictions according to annex XVII of REACH

Does not contain any substances listed in Annex XIV of REACH

Does not contain any substance on the candidate list for authorization (SVHC)

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16 OTHER INFORMATION

The information given in this safety data sheet is based on our current knowledge about the product concerned and on national and community regulations on the date specified. They are given in good faith and for information purposes only in order to handle, manufacture, store, transport, distribute, provide, use and dispose with safety requirements. It is always the user's responsibility to take all necessary steps to meet the requirements of local laws and regulations. This Safety data sheet has been written and should be used only for this product. It supplements the technical data sheet but does not replace it. Therefore, the information cannot be interpreted as a guarantee of properties.