

According to directive 1907/2006/EC, 2020/878
Version 2.0 Revision date: 24-05-2022
Trade name: Alginate ECO white

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

1.1 Product identification:

Product name: Alginate ECO white.
UFI code: XQ10-W01F-M00F-WJE3

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

Usage: Cosmetic.
Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet:

Responsible distributor : ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
E-mail: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency phone number:

For Belgium:
Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.
NHS 24 Direct
For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Identification of hazards

2.1 Classification of the substance or mixture:

Classification according to directive (EC) No 1272/2008 and its amendments.

This substance does not meet the criteria for classification according to Regulation No 1272/2008/EC.

2.2 Labelling elements:

Labelling according to regulation (EC) No 1272/2008 [CLP/GHS]:

No specific labelling is required for this substance.

2.3 Other hazards:

This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

Toxicological information:

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

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SECTION 3: Composition and information on ingredients

3.2 Mixture:

Description: Mixture of consecutive substances with non-hazardous admixtures.

Chemical name	CAS no. EC no. Index no. Registration number	Classification (Regulation (EC) No 1272/008)	Concentration (%)
Calcium sulphate dihydrate	10101-41-4 231-900-3 - 01-2119444918-26	-	2,5 - 10%
Dikalium hexafluorotitanate	16919-27-0 240-969-9 - 01-2119978268-20	Eye Dam. 1, H318; Acute Tox. 4, H302; STOT SE 3, H335	≥1 - ≤2,5%

Additional data:

The verbatim content of the specified instructions on potential hazards can be found in chapter 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures:

General information:

No special measures required.

After inhalation:

Administer fresh air; summon doctor in case of complaints.

After skin contact:

Overall, the product is not irritating to the skin

After eye contact:

Rinse eyes with running water for several minutes if eyelid is open

After swallowing:

If symptoms do not lessen, consult a doctor

4.2 Main acute and delayed symptoms and effects:

No further relevant information available.

4.3 Indication of immediate medical attention and special treatment required:

No further relevant information available.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing agents:

Match fire-fighting measures to environment.

Unsuitable extinguishing media:

Strong water jet.

5.2 Special hazards arising from the substance or mixture:

No further relevant information available.

5.3 Advice for firefighters:

No special measures required.

SECTION 6: Measures in case of accidental release of the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

Not needed.

6.2 Environmental precautions:

No special measures required.

6.3 Methods and materials for containment and cleaning:

Mechanical recording.

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6.4 Reference to other sections:

Information on safe use - see chapter 7.
Information on personal protective equipment - see section 8.
Information on salvage - see chapter 13.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling of the substance or mixture:

No special measures required.

Information on fire and explosion hazards:

No special measures required.

7.2 Conditions for safe storage, including incompatibilities:

Storage:

Requirements relative to storage space and tanks:

No special requirements.

Information on joint storage:

Not necessary.

Further information on storage requirements:

< 8°Celsius.

7.3 Specific end use:

No further relevant information available.

SECTION 8: Exposure controls/personal protection measures

8.1 Control parameters:

Additional data on the design of technical installations:

No additional data.

See section 7.

Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain relevant quantities of substances, which need to be controlled in terms of limit values in relation to workplaces.

Additional data:

The basis was lists that were valid when drawn up.

8.2 Exposure control measures:

Personal protection devices:

General protection and health measures:

The usual precautions when handling chemicals should be observed.

Respiratory protection:

Not necessary.

Hand protection:

The glove material must be impermeable and resistant to the product / substance / preparation.

Based on failed tests, no recommendation for glove material for the product/preparation/chemical mixture can be issued.

Choose glove material taking into account penetration times, degrees of permeation and degradation.

Glove material

Choosing a suitable glove depends not only on the material, but also on other quality characteristics and varies from manufacturer to manufacturer.

As the product is composed of several substances, the durability of the glove materials cannot be calculated in advance and must therefore be tested before use.

Penetration time of glove material

You can find out the exact penetration time from the glove manufacturer; keep it in mind.

Eye protection:

Not necessary.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

General information :

Occurrence:

Form:	Powder
Colour:	White
Odour:	Odourless
Odour threshold value:	Not determined.
pH value:	Not usable.

State change

Melting/freezing point:	0°C
Initial boiling point and boiling range:	100°C
Flash point:	Not usable.
Flammability (solid, gas):	Not determined.
Decomposition temperature:	Not determined.
Self-ignition temperature:	The product does not self-ignite.
Explosive properties:	The product is not explosive.

Explosion limits:

Bottom:	Not exactly.
Upper:	Not particular.
Vapour pressure at 20°C:	23 hPa
Density at 20°C:	1 g/cm ³
Relative density	Not determined.
Vapour density	Not usable.
Evaporation rate	Not usable.
Solubility in/mixability with water:	Soluble.
Partition coefficient: n-octanol/water:	Not determined.

Viscosity

Dynamic at 20°C:	0.952 mPas
Kinematic:	Not usable.

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity:

No further relevant information available.

10.2 Chemical Stability:

Thermal degradation / conditions to be avoided:

No degradation when used as directed.

10.3 Potential Hazardous Reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

No further relevant information available.

10.5 Chemically interacting Materials:

No further relevant information available.

10.6 Hazardous Decomposition Products:

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity

Based on available data; classification criteria not met.

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Primary condition:

Skin corrosion/irritation

Based on available data; classification criteria not met.

Serious eye damage/eye irritation

Based on available data; classification criteria not met.

Respiratory/skin sensitisation

Based on available data; classification criteria not met.

Additional toxicological information:

CMR effects (carcinogenicity, mutagenicity and reproductive toxicity)

Mutagenicity in gametes

Based on available data; classification criteria not met.

Carcinogenicity

Based on available data; classification criteria not met.

Reproductive toxicity

Based on available data; classification criteria not met.

STOT from single exposure

Based on available data; classification criteria not met.

STOT on repeated exposure

Based on available data; classification criteria not met.

Inhalation hazard

Based on available data; classification criteria not met.

11.2 Information on other hazards

Endocrine-disrupting properties

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

Further information

No data available

SECTION 12: Ecological information

12.1 Toxicity:

Aquatic toxicity:

No further relevant information available.

12.2 Persistence and Degradability:

No further relevant information available.

12.3 Bioaccumulation:

No further relevant information available.

12.4 Mobility in soil:

No further relevant information available.

Further ecological information:

General information:

Water hazard (EN): A(4) Little harmful to aquatic organisms May cause long-term adverse effects in the aquatic environment.

Generally no water hazard.

12.5 Results of PBT and vPvB assessment:

PBT: Not usable.

zPvB: Not usable.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

12.7 Other Harmful Effects:

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No further relevant information available.

SECTION 13: Disposal instructions

13.1 Waste treatment methods:

Recommendation:

Small quantities can be disposed of together with household waste.

Uncleaned packaging:

Recommendation:

Waste disposal according to government regulations.

Recommended cleaning agent:

Water, possibly with the addition of detergents.

SECTION 14: Information relating to transport

14.1 UN number

The transport of this substance is not subject to regulations.

14.2 Proper cargo name in accordance with UN model regulations

The transport of this substance is not subject to regulations.

14.3 Transport hazard class(es)

The transport of this substance is not subject to regulations.

14.4 Packing group

The transport of this substance is not subject to regulations.

14.5 Environmental hazards

The transport of this substance is not subject to regulations.

14.6 Special precautions for the user

The transport of this substance is not subject to regulations.

14.7 Transport in bulk in accordance with Annex II to MARPOL 73/78 and the IBC Code

Notes:

Not applicable for product, as delivered.

UN "Model Regulation":

Not applicable

SECTION 15: Statutory information

15.1 Safety, health and environmental regulations and legislation specific to the substance or mixture:

SZW list of carcinogenic substances

none of the ingredients are listed.

SZW list of mutagenic substances

none of the ingredients are listed.

NON-limiting list of substances toxic for reproduction - Fertility

none of the ingredients are listed.

NON-limiting list of substances toxic to reproduction - Development

none of the ingredients are listed.

NON-limiting list of substances toxic for reproduction - Breastfeeding

none of the ingredients are listed.

List of Substances of Very High Concern (SVHC)

none of the ingredients are listed.

List of Potential Substances of Very High Concern

none of the ingredients are listed.

Directive 2012/18/EU

Dangerous substances mentioned by name - ANNEX I:

None of the ingredients are listed.

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II:

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None of the ingredients are listed.

REGULATION (EU) 2019/1148

- **Annex I - PRECURSORS FOR EXPLOSIONS SUBJECT TO A LIMITATION (Upper limit for the purposes of Article 5(3) licensing):**
None of the ingredients are listed.
- **Annex II - PRECURSORS FOR EXPLOSIONS THAT MUST BE REPORTED:**
None of the ingredients are listed.
- **Regulation (EC) No 273/2004 on drug precursors:**
None of the ingredients are listed.
- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors:**
None of the ingredients are listed.

National regulations:

Hazard class v. water:

Water hazard (EN): A(4) Little harmful to aquatic organisms May cause long-term adverse effects in the aquatic environment

15.2 Chemical safety assessment:

A chemical safety assessment has not been carried out.

SECTION 16: Other information

These data are based on the current state of our knowledge. However, they do not describe a guarantee of product properties and do not establish a contractual legal relationship.

Relevant phrases

H302 Harmful if swallowed.
H318 Causes serious eye damage.
H335 May cause respiratory tract irritation.

Abbreviations and acronyms:

Acute Tox. 4: Acute toxicity - oral - Category 4
Eye Dam. 1: Serious eye damage/eye irritation - Category 1
STOT SE 3: Specific target organ toxicity by single exposure - Category 3

ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous
Cargo IATA: International Air Transport Association
GHS: Globally harmonised classification system and labelling of chemicals
EINECS: European Inventory of Existing Commercial Chemicals
ELINCS: European list of notified chemical substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

Further information

Training advice:

Provide proper information, instruction and training for users.

Key literature references and data sources:

Regulation (EC) No 1272/2008 on classification, labelling and packaging (CLP) of substances and mixtures.
Regulation (EC) No 1907/2006 (REACH), amended by 2020/878/EU.

SAFETY DATA SHEET

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Transport of dangerous goods by road, rail or inland waterways (ADR/RID/ADN).
International Maritime Dangerous Goods Code (IMDG).
Dangerous Goods Regulations (DGR) for aviation (IATA).

Disclaimer

This information is based on the current state of our knowledge.
This safety data sheet is compiled and intended exclusively for this product.