ALLGROW

SAFETY DATA SHEET (SDS)

According to Regulation (EC) 1907/2006 (REACH), Annex II with all subsequent amendments and supplements, and Commission Regulation (EU) 2020/878.

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product/mixture identifier

Product name: ALLGROW
Mixture
UFI: *Not applicable (non-hazardous mixture)*

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses: Agricultural biostimulant / algae-based plant growth enhancer
Uses advised against: Any use not consistent with product label or agricultural regulations

1.3 Details of the supplier/distributor of the safety data sheet

Allgrow AB
Sankt Pauligatan 43B
41660 Göteborg
Sweden

Phone: +46 10 641 10 19
E-mail: info@allgrow.se
Web: www.allgrow.se

1.4 Emergency telephone number

Emergency telephone: +46 10 641 10 19 (distributor contact). This number is only available to treating physician. In case of emergency: 112 – Swedish Poison Information Centre. Or relevant Poison Information Centre in your country.

2. Hazard identification

2.1 Classification of the mixture

According to Regulation (EC) No 1272/2008 (CLP): Not classified as hazardous.

2.2 Label elements

No hazard pictograms required.
Signal word: None
Hazard statements: None
Precautionary statements:
P102 Keep out of reach of children
P270 Do not eat, drink or smoke when using this product
P280 Wear protective gloves, protective clothing, eye/face protection - *as a general hygiene precaution for agricultural handling.*

2.3 Other hazards

The mixture does not contain substances identified as endocrine disruptors.
The mixture does not meet criteria for PBT or vPvB.
Contains organic matter (algae) that may degrade at high temperatures.
The mixture does not meet the criteria for PMT or vPvM according to CLP.

3. Composition/information on ingredients

3.1 Substances

Not applicable — mixture.

3.2 Mixtures

Algae-based biostimulant mixture containing water and organic biomass. The algae biomass is cultivated and may naturally contain trace amounts of minerals and nutrients absorbed during growth. These naturally occurring constituents trace amounts may be present at very low concentrations, all below regulatory thresholds and not classified under CLP. This mixture contains no substances classified as hazardous to human health or the environment and does not meet the criteria for classification in any hazard category according to Regulation (EC) No 1272/2008 (CLP) and REACH Annex II.

Ingredient	CAS	EC	Concentration	Classification
Water	7732-18-5	231-791-2	Balance	Not classified
Algae biomass	-	-	1-2%	Not classified

4. First aid measures

4.1 Description of first aid measures

Inhalation	No expected hazard. If symptoms occur, move to fresh air.
Skin contact	Wash with water and soap.
Eye contact	Rinse cautiously with water for several minutes. Seek medical attention if irritation persists.
Ingestion	Rinse mouth. If symptoms occur, seek medical advice.

4.2 Most important symptoms and effects

No known acute or delayed symptoms.

4.3 Indication of any immediate medical attention

Treat symptomatically.

5. Firefighting measures

5.1 Extinguishing media

Suitable: Water spray, foam, CO_2, dry powder
Unsuitable: None known

5.2 Special hazards arising from the mixture

Product is not flammable. Thermal decomposition may produce minor organic non-toxic vapours.

5.3 Advice for firefighters

Wear standard protective equipment.

6. Accidental release measures

6.1 Personal precautions

Wear protective gloves and eye protection.

6.2 Environmental precautions
Prevent release to enter waterways, lakes, rivers or reservoirs.

6.3 Methods for containment and cleaning
Absorb with inert material. Wash area with water.

6.4 Reference to other sections
See Sections 8 and 13.

7. Handling and storage

7.1 Precautions for safe handling
Follow normal hygiene practices. Avoid release to the environment.

7.2 Conditions for safe storage
Store in original container in a dry, cool, covered place (15–25°C). Avoid prolonged exposure above 25°C — algae may degrade and produce odour.

7.3 Specific end uses
Agricultural biostimulant.

8. Exposure controls/personal protection

8.1 Control parameters
No occupational exposure limits established.
DNEL: Not applicable (no hazardous substances).
PNEC: Not applicable (no hazardous substances).

8.2 Exposure controls

Eye protection:	Safety glasses not necessary but recommended.
Hand protection:	Protective gloves not necessary but recommended.
Respiratory protection:	Not required.
Environmental controls:	Prevent release to water bodies.

9. Physical and chemical properties

Odour threshold:	Not determined
pH:	6.7 ± 0.5
Melting point/freezing point:	approx. 0.9°C
Boiling point:	~100°C (similar to water)
Flash point:	Not applicable (non-flammable aqueous mixture)
Evaporation rate:	Not determined
Flammability (solid, gas):	Not applicable
Upper/lower flammability limits:	Not applicable
Vapour pressure:	Similar to water; not determined
Vapour density:	Not applicable (water-based mixture)
Relative density:	approx. 1.0 (relative to water)
Solubility:	Fully miscible with water
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not self-igniting

Decomposition temperature:	Not determined; organic matter may degrade at elevated temperatures
Viscosity:	Not determined
Explosive properties:	None
Oxidising properties:	None

10. Stability and reactivity

10.1 Reactivity
No hazardous reactions expected.

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
None known.

10.4 Conditions to avoid
Temperatures above 25°C for prolonged periods.

10.5 Incompatible materials
None known.

10.6 Hazardous decomposition products
None under normal conditions.

11. Toxicological information

11.1 Information on toxicological effects
Based on available data, the mixture is **not expected to be toxic**.

Acute toxicity:	Not classified
Skin irritation:	Not irritating
Eye irritation:	Not classified. Mild transient irritation may occur in sensitive individuals or due to mechanical exposure (e.g., splashes), but effects do not meet the criteria for classification under CLP.
Sensitisation:	Not expected
Mutagenicity/carcinogenicity/reproductive toxicity:	No data indicating hazard
Carcinogenicity:	No data indicating hazard
Reproductive toxicity:	No data indicating hazard
STOT:	Not applicable
Aspiration hazard:	Not applicable

12. Ecological information

Not expected to be hazardous to the environment.

Persistence:	Biodegradable

Bioaccumulation:	Not expected
Mobility:	Mobile in aqueous environment
Endocrine disruption:	None known
PBT/vPvB:	Not applicable
PMT/vPvM:	The mixture is mobile in aqueous environments due to its water-based nature.It is biodegradable and not toxic, and therefore does not meet the criteria for PMT or vPvM under CLP.
Other adverse effects:	Avoid release to water bodies

13. Disposal considerations

13.1 Waste treatment methods

Small quantities may be mixed with compost.
Dispose of in accordance with local regulations.
Packaging may be recycled after cleaning.

14. Transport information

Not classified as dangerous goods under ADR/RID, IMDG or ICAO/IATA.

UN number:	Not applicable
Proper shipping name:	Not applicable
Transport hazard class:	Not applicable
Packing group:	Not applicable
Environmental hazards:	None
Special precautions:	None

15. Regulatory information

15.1 Safety, health and environmental regulations

This SDS complies with: REACH Regulation (EC) 1907/2006, CLP Regulation (EC), 1272/2008, Regulation (EU) 2020/878

15.2 Chemical safety assessment

Not required for this mixture.

16. Other information

The information in this safety data sheet is, to the best of our knowledge, correct at the date of issue. It is intended as guidance for the safe use, handling, disposal, storage and transport of the product and is not intended to serve as a guarantee or specification. The information applies only to the product as described and may not be suitable for use in combination with other materials or in processes other than those stated here. Based on data from manufacturer and agricultural testing authorities. Training advice: Normal agricultural handling training recommended.