

SAFETY DATA SHEET

Green Future Organic Garden Fertiliser and Green Future Organic Tomato Fertiliser – Organic Liquid Feed for Plant Cultivation

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the Regulation (EU) No 453/2010, and described in CLP Regulation (EC) No 1272/2008.

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

1.1 Product identifier

Chemical Name: Not Applicable
CAS Number: Not applicable
REACH Registration No.: Not applicable
Synonyms: Not applicable

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

The Green Future Organic range of plant nutrients are for use as a home garden fertiliser for plant cultivation.

1.3 Details of the supplier of the safety data sheet

Growth Technology Ltd.
Great Western Way
Taunton TA2 6BX
United Kingdom
Phone +44 (0)845 430 3001
+44 (0)1823 325291
Fax +44 (0)1823 325487
info@growthtechnology.com

1.4 Emergency telephone number

In case of emergency:
Emergency telephone number: +44 (0)845 430 3001
+44 (0)1823 325 291

Hours of operation: Office hours only.

Section 2. Hazards Identification

MIXTURE:

2.1 Classification of the mixture

Classification under Directive 67/548/EEC:	No classification required in accordance with Directive 67/548/EEC.
Classification under Regulation EC No. 1272/2008:	No classification required in accordance with Regulation EC No. 1272/2008.

Physicochemical hazards:

No potential physicochemical hazards are applicable for this mixture due to the nature of the components and no physicochemical classifications associated with them.

Human health:

No potential human health hazards are predicted during recommended use of this product.

Environment:

Concentrated solution can pollute streams and water courses.

2.2 Label elements

Regulation (EC) No 1272/2008:

No classification required in accordance with Regulation EC No. 1272/2008.

Hazard Statements

No classification required in accordance with Regulation EC No. 1272/2008.

Precautionary statements:

No classification required in accordance with Regulation EC No. 1272/2008.

2.3 Other hazards

PBT / vPvB:	Not applicable
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Section 3. Composition/Information on ingredients.

Name	CAS Number	EINECS Number	% Composition	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008
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* This product contains no ingredients of environmental or toxicological concern

Section 4. First Aid Measures

4.1 Description of first aid measures

Inhalation

No inhalation exposure of this mixture is expected due to the nature of its use, however, should exposure occur, please seek medical attention.

Skin contact

Remove contaminated clothing and wash skin with plenty of water.

Accidental eye contact

Rinse immediately eye with plenty of low pressure water for at least 15 minutes. Remove any contact lenses.

Ingestion

If the person affected is conscious, have them drink large quantities of water. If vomiting, seek medical assistance. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

None expected from the mixture

4.3 Indication of any immediate attention and special treatment needed

None expected from the mixture

Section 5. Firefighting Measures

5.1 Extinguishing media

The product is non combustible. To extinguish fire use water spray, dry chemical, carbon dioxide, or chemical foam.

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for fire-fighters

Wear full protective clothing and self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Protective gloves and eye goggles should be worn in case of splashes.

6.2 Environmental precautions

Take precautionary measures against discharges into the environment.

6.3 Methods and material for containment and cleaning up

Sweep up or absorb spilled material, then place into a suitable closed container for disposal as chemical waste. Flush spill area with water. Product is slippery.

6.4 Reference to other sections

Please also refer to Sections 8 and 13.

Section 7. Handling and Storage

7.1 Precautions for safe handling

Avoid contact with eyes, skin or clothing. Wash thoroughly after handling and before eating, drinking or smoking.

7.2 Condition for safe storage, including any incompatibilities

Store in a cool place.

7.3 Specific end use(s)

For use in the cultivation of garden plants.

Section 8. Exposure Controls/Personal Protection

8.1 Control parameters

None

8.2 Exposure controls

None

Appropriate Engineering Controls

Not applicable.

Respiratory protection

As the mixture is a liquid and there is no risk of exposure via inhalation route, no respiratory protection is required.

Hand protection

It is good standard practice to wear gloves to prevent risk of exposure from splashes.

Eye protection

It is good standard practice to wear safety goggles.

Skin protection

It is not applicable but it is good standard practice to wear an apron or protective clothing in case of danger of contact.

Thermal Hazards

Not applicable.

Environmental Exposure Controls

Not applicable.

Section 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Dark Brown Liquid
Odour:	Weak odour
Odour threshold:	-
pH:	5.1 - 5.5
Melting point/freezing point °C:	Around 0-6°C
Initial boiling point and boiling range °C:	Around 100°C
Flash point:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Upper Flammability:	No data available
Lower Flammability:	No data available
Vapour pressure:	No data available
Vapour density	No data available
Relative density:	No data available
Solubility:	Fully soluble
Partition Coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

9.2 Other information

None

Section 10. Stability and Reactivity

10.1 Reactivity

Unreactive under normal conditions of recommended use.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Not applicable for this mixture.

10.4 Conditions to avoid

Avoid temperatures of <6°C in order to prevent product from freezing.

10.5 Incompatible materials

Not applicable for this mixture.

10.6 Hazardous decomposition products

Not applicable for this mixture.

Section 11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

No Information.

Skin Corrosion/Irritation:

No information.

Serious eye damage/irritation:

No information.

Respiratory or skin sensitisation:

No information.

Route of exposure:

Most likely routes of exposure is *via* dermal and oral exposure.

Symptoms related to the physical, chemical and toxicological characteristics:

Not applicable as minimal risk of adverse effects due to nature of the mixture.

Section 12. Ecological Information

12.1 Toxicity

No information.

12.2 Persistence and degradability

No data.

12.3 Bioaccumulative potential

No data.

12.4 Mobility in soil

No data.

12.5 Results of PBT and vPvB assessment

No assessment was conducted.

12.6 Other adverse effects

Plant nutrients can be damaging to the environment in their concentrated form.

Section 13. Disposal Considerations

13.1 Waste treatment methods

Disposal operations – Dilute any product residue with plenty of water and dispose down household drain.

Disposal of packaging – Rinse empty packaging with water and dispose of container in ordinary household waste.

Please follow all local, regional, national and international laws.

Section 14. Transport Information

14.1 UN number

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.2 UN proper shipping name

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.3 Transport hazard class(es)

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.4 Packing group

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.5 Environmental hazards

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.6 Special precautions for user

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

Section 15. Regulatory Information

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

Not applicable.

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been conducted for this mixture.

Section 16. Other Information

Other information

Risk Phrases:

None

H-statements:

None

List of Abbreviations:

AOEL: Adverse Observed Effects Level.

CAS: Chemical Abstracts Services

EC: European Community
EEC: European Economic Community
EINECS: European Inventory of Existing Commercial Chemical Substances.
EC50: Half maximal effective concentration
LC50: Lethal concentration causing 50% death in test species.
LD50: Lethal dose causing 50% death in test species.
PBT: Persistent, Bioaccumulative, Toxic.
vPvB: Very Persistent and very Bioaccumulative.

This safety data sheet is prepared in accordance with Regulation (EC) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.