

Material Safety Data Sheet

Amvista G7 Long Life

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Product Name Amvista G7 Long Life

1.2 Relevant identified uses of the Substance or Mixture and uses advised against

Identified uses Fertiliser

Uses advised against None Identified

1.3 Details of the Supplier of the Safety Data Sheet

Supplier Angus Horticulture Limited
Polmood
Guthrie
FORFAR
DD8 2TW
+44 (0) 1241 829049
+44 (0) 1241 829043

1.4 Emergency Contact Number

Emergency telephone +44 (0) 1674 674253/674352

SECTION 2 Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical Hazard Not Classified
Health Hazard Not Classified
Environmental Hazard Not Classified

2.2 Label Elements – Labelling according Regulation (EC) No 1272/2008 Hazard Pictogram

Hazard Pictograms	Not Relevant
Signal Word	Not Relevant
Hazard Statements	Not Relevant
Precautionary Statements	Not Relevant

2.3 Other Hazards

This substance is classified and labelled according to the current EU criteria.

SECTION 3 Composition/Information on Ingredients

3.2 Mixtures

Urea	30-40%
CAS number 57-13-6	EC number: 200-315-5
	Reach Registration Number: 01-2119463277-33-XXXX

Classification according to Regulation (EC) No. 1272/2008 (CLP) – Not Classified

SECTION 4 First Aid Measures

4.1 Description of first aid measures

Inhalation	Remove to fresh air. Get medical attention if symptoms are severe or persist.
Eye contact	Rinse cautiously with running water. Check for and remove any contact lenses if possible. Continue to rinse for at least 10mins. Get medical attention if symptoms are severe or persist after washing.
Skin contact	Remove all contaminated clothing and wash before reuse. Wash affected area thoroughly with soap and water or use an approved skin cleanser. Get medical attention if symptoms are severe or persist after washing.
Ingestion	Rinse mouth with water. If person is conscious, give plenty of water to drink. Consult a doctor/medical service if person feels unwell.
Self-protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. Personal protective equipment for first aid responders is recommended. Wear protective gloves when assisting patient.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact	Prolonged or repeated exposure might result in eye irritation.
Inhalation	Dust in high concentrations might irritate the respiratory system.
Skin contact	Skin irritation should not occur when used as recommended.
Ingestion	No harmful effects expected from quantities likely to be ingested by accident.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the Doctor	Treat symptomatically.
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SECTION 5 Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing media	Use a fire extinguisher media suitable for the cause of fire.
Unsuitable extinguishing media	Not applicable

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	Irritating substances may be emitted upon thermal combustion so self-contained breathing apparatus will be required.
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5.3 Advice for firefighters

Protective equipment	Dilute toxic gases with water spray.
Special protective equipment	Use protective measures that suit the hazard conditions.

SECTION 6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions ventilation is inadequate.	Avoid inhalation of dust and contact with skin and eyes. Use suitable respiratory protection if Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.
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6.2 Environmental procedures

Environmental precautions	Prevent large quantities of product from having contact with vegetation or waterways. Keep animals away from large spillages.
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6.3 Methods and material for containment and cleaning up

Methods for cleaning up	Shovel product into suitable containers. Clean contaminated surfaces with an excess of water. Take care as floors and other surfaces may become slippery. Wash clothing and equipment and handling. Collect and dispose of spillage as indicated in Section 13.
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6.4 Reference to other sections

Reference to other sections	Refer to Section 8. Exposure controls/personal protection, and Section 13. Disposal Considerations, of SDS.
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SECTION 7 Handling and Storage

7.1 Precautions for safe handling

Protective measures	Use appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container.
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Measures to prevent fire	Keep away from open flames, hot surfaces and sources of ignition.
To protect the environment	Prevent discharge in to water courses.
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands with soap and water before eating, drinking, or smoking and again when leaving work.

7.2 Condition for safe storage, including any incompatibilities

Technical measures	Ensure storage is in accordance with all applicable local, regional and national regulations. Storage construction should be of non-combustible material.
Packaging materials	Store in original container
Requirements for storage	Keep container tightly closed and sealed until ready to use. Store product in a cool, well-ventilated area away from food and drink. Containers that have been opened must be resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Keep away from direct sunlight

7.3 Specific end uses(s)

Recommendations	The identified uses for this product are detailed in Section 1.2.
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SECTION 8 Exposure Control/Personal Protection

8.1 Control parameters

<u>Urea</u>	Long-term exposure limit (8-hour TWA): WEL 10mg/m ³ inhalable dust Long-term exposure limit (8-hourTWA): WEL 4mg/m ³ respirable	
DNELs	Worker – Dermal Worker – Inhalation General Population – Inhalation General Population – Dermal General Population – Oral	Long-term systemic effects 580mg/kg bw/day Long-term systemic effects 292 mg/m ³ Long-term systemic effects 125mg/m ³ Long-term systemic effects 580mg/kg bw/day Long-term systemic effects 42mg/kg bw/day
PNEC's	Freshwater:	0.47mg/l

8.2 Exposure Controls

Information related to exposure control can be found in the respective exposure scenarios in the annex of the SDS.

Personal protective equipment: If insufficient ventilation, wear respiratory protection
Protective goggles. Face-shield or visor should be worn.
Protective (heat resistant) gloves should be worn.



Appropriate engineering measures Handling should only take place in adequately ventilated areas.

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Keep away from foodstuffs, beverages and feed.

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Immediately remove all contaminated clothing.

Environmental exposure controls Do not empty in to drains, sewers, waterways or ground water systems.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Granular
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point	No data available
Initial boiling point and range	No data available
Flash point	No data available
Flammability (Solid, gas)	
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour Density	No data available
Relative Density	No data available
Solubility(ies) Water at 10°C	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	Does not meet the criteria for classification as oxidising

SECTION 10 Stability and Reactivity

10.1 Reactivity

Reactivity No test data specifically related to reactivity available for this product or its ingredients.

Chemical stability	Stable under recommended storage and handling conditions (See Section 7).
Possibility of hazardous reactions	No potentially hazardous reactions known.
Conditions to avoid	Keep away from heat sources.
Incompatible materials	Avoid contact with oxidising agents.
Hazardous decomposition products	On burning, toxic and corrosive gases/vapours (including metal oxide/oxides, halogenated compounds, ammonia, oxides of nitrogen and sulphur oxides) might be released.

SECTION 11 Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Product mixture	No specific test data are available.
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Irritation

Product mixture	Not classified, irritation should occur when used as recommended.
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Corrosivity

Product mixture	Not classified.
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Sensitisation

Sensitisation	No specific test data available. Sensitisation should not occur when used as recommended.
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Repeated Dose Toxicity

Product mixture	Not classified – lack of data
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Carcinogenicity

Product mixture	No specific test data are available. There is no evidence that this product can cause cancer.
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Germ Cell Mutagenicity

Product mixture	There is no evidence that this product has mutagenic properties.
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Reproductive Toxicity

Product mixture	Does not contain any substances known to be toxic to reproduction.
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General Information

This product is considered to be a low hazard under normal condition of use.

SECTION 12 Ecological Information

12.1 Toxicity

No data available. This product is not expected to be toxic to aquatic organisms.

12.2 Persistence and Degradability

Biodegradation

Product mixture	No data available
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12.3 Bioaccumulative Potential

Bioaccumulative Factor

Product mixture No data available

12.4 Mobility in Soil

Adsorption/Desorption

Product mixture No data available

12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

SECTION 13 Disposal Considerations

13.1 Waste Treatment Methods

General information

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Packaging disposal recommendations

Packaging should be disposed by landfill or incineration as appropriate, in accordance with relevant regulations. Do not remove the label from the packaging unless the packaging has been thoroughly cleaned.

Sewage disposal recommendations

This product may be hazardous to the aquatic environment. Keep out of sewers and waterways.

Waste disposal recommendations

Place in an appropriate container and dispose of in a safe way.

SECTION 14 Transport Information

General

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

14.1 UN Number

Not Applicable

14.2 UN proper Shipping Name

Not Applicable

14.3 Transport Hazard Class(es)

No transport warning sign required

14.4 Packing Group

Not Applicable

14.5 Environmental Hazards

Environmentally hazardous

This product is not environmentally hazardous according to the criteria of the UN Model Regulations, nor is it a maritime pollutant according to the IMDG Code.

14.6 Special precautions for user

Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and IBC code

Not applicable

SECTION 15 Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Regulations (EC) No 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures (as amended). 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) (as amended)

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16 Other Information

The information in the safety document applies only to the specific product detailed in Section 1 and is not necessarily correct for use with other chemicals/products.

The product information in this data sheet is, to the best knowledge of Angus Horticulture Ltd., correct at the date of publication.

The Manufacturer or Supplier does not accept liability for any loss or damage resulting from reliance on this information. Final determination of the suitability of any product is the responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, it cannot be guaranteed that these are the only hazards that exist.