



William Sinclair Horticulture Limited

SAFETY DATA SHEET

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

1.1 Product Identifier:

J Arthur Bowers Growmore

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

Supplied for use as a horticultural fertiliser

1.3 Details of the supplier of the safety data sheet:

William Sinclair Horticulture Limited
Firth Road
Lincoln
LN6 7AH

Contact: The Safety officer
Phone number: 00 44 (0) 1522 537561
Fax: (01522) 513609
E Mail: info@william-sinclair .co.uk

1.4 Emergency phone number

Phone number: 00 44 (0) 1522 537561

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended (EU-GHS/CLP)

Eye damage 1. H318: Causes serious eye damage

Classification according to 67/548/EEC and 1999/45/EC (EU-DSD)

This mixture is not classified as hazardous to humans or the environment
Irritant, R41

Primary Hazard

Eye damage

2.2 Label Elements

labelling requirements under regulation 1272/2008 as amended

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(Contains: Single superphosphate CAS:8011-76-5)



DANGER

Hazard statement:

H318 Causes serious eye damage

Precautionary Statements:

P280 Wear eye protection.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove
Contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

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2.3 Other Hazards

Mixture not classed as PBT or vPvB

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous components

Chemical Name	CAS-No./ EINECS-No.	Annex Index or REACH number	Symbol(s)	R-phrase(s)	Concentrations [%]
Single Superphosphate	8011-76-5/ 232-379-5	01-2119488967-11	According to 1272/2008: GHS05  According to 67/548/EEC:  IRRITANT	According to 1272/2008: Eye Dam. 1 H318 According to 67/548/EEC: Xi R41	>= 3%

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 Inhalation

If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop

4.1.2 Skin & Eye exposure

Skin: Drench immediately with water. Remove any contaminated clothing and launder before re-use. Obtain medical attention if symptoms develop or persist.

Eyes: Immediately rinse with clean water for 15 minutes, remove contact lenses if present and easy to do so, continue rinsing. Obtain IMMEDIATE medical attention.

4.1.3 Ingestion

Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain medical attention if symptoms develop or persist.

4.2 Most important symptoms and effects, both acute and delayed

Information not available

4.3 Indication of any immediate medical attention and special treatment needed.

Information not available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Water spray, AFFF foam, CO₂

5.2 Special Hazards arising from the substance or mixture

Non-combustible. By thermal decomposition product may emit oxides of sulphur, oxides of phosphorous and ammonia

5.3 Advice for fire-fighters

Isolate the scene by removing all persons from the fire location. Fire fighters should wear appropriate self-contained breathing apparatus (SCBA) with a full face piece operated in a positive pressure mode. Clothing for firefighters conforming to EN 469 should be worn

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Ensure adequate ventilation
Use personal protective equipment,
- Gloves
- Eye protection
- Suitable respirator if dust is generated during handling

Wash exposed areas of skin after use.

6.2 Environmental Precautions

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) in large quantities contact local water authority and inform the Environment Agency

6.3 Methods and material for containment and cleaning up

Move the bags from the spill area. Vacuum or sweep up the material and place into an appropriate container for disposal or re-use. Do not allow to enter drains or water courses. Dispose of by a licenced waste disposal contractor

6.4 Reference to other sections

See also section 8

7. HANDLING AND STORAGE

7.1 Precaution for safe handling

Wash Hands thoroughly after handling .Avoid breathing dust
Do not eat, drink or smoke when using this product

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials and strong oxidising agents.

7.3 Specific end use(s)

No Information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

No workplace exposure limits are currently set for this mixture according to HSE document 'EH40 Workplace exposure limits'

8.2 Exposure controls

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Primary Hazard is considered to be dust, wear eye protection. Use in a well-ventilated area and wear and a dust mask if visible dust is being generated.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Off white granule
Odour: Odourless
pH water solution: 5-8
Bulk density: Normally between 900 Kg / m3
Solubility in water: Partially soluble in water

9.2 Other Information

No other relevant information available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific information available

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

No specific hazardous reactions known.

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10.4 Conditions to avoid

Heat

10.5 Incompatible materials

Alkalis, strong acids, copper and other alloys

10.6 Hazardous decomposition products

Under normal conditions of storage and use hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The mixture has not been assessed for toxicological effects, the mixture classification is given in section 2 based on individual component contents. Individual component hazards if any are given in section 3

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Mixture not classified as harmful to aquatic life.

12.2 Persistence and degradability

No specific information available

12.3 Bioaccumulative potential

No specific information available

12.4 Mobility in soil

No specific information available

12.5 Results of PBT and vPvB

Not classified

12.6 Other adverse effects

No specific information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Disposal method in accordance with all applicable national environment laws and regulations.

14. TRANSPORT INFORMATION

14.1 UN number: Product is unclassified for transport

14.2 UN proper shipping name: Product is unclassified for transport

14.3 Transport hazard Product is unclassified for transport

14.4 Packing group: Product is unclassified for transport

14.5 Environmental hazards: Product is unclassified for transport

14.6 Special precautions for user: No information available

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

Applicable for Maritime bulk transport only. Check with carrier.

15. REGULATORY INFORMATION

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

This substance is classified and labelled in accordance with regulation 1999/45/EC, 1272/2008, the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations and the EC Fertiliser Regulations 2003, 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC)

15.2 Chemical Safety Assessment

CSA not undertaken for this mixture

16. OTHER INFORMATION

Hazard Information not otherwise listed in full elsewhere:

R41: Risk of serious damage to eyes

SDS information:

This Safety data sheet is compiled using data submitted for raw materials and practical experience.

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This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC, regulation 1272/2008 and Annex I of the REACH regulation 453/2010.

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.

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