



SAFETY DATA SHEET
BNM Growise All Purpose Soluble Plant Food 800g

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

1.1. Product identifier

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|---------------------------------|---|
| Product name | BNM Growise All Purpose Soluble Plant Food 800g |
| Product number | 7528D |
| REACH registration notes | Exempt from REACH registration according to Regulation (EC) No. 1907/2006 (REACH) |

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

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|------------------------|------------|
| Identified uses | Fertiliser |
|------------------------|------------|

1.3. Details of the supplier of the safety data sheet

| | |
|-----------------|---|
| Supplier | Bord Na Mona Horticulture Main Street, Newbridge, Co. Kildare, Ireland Tel: +353 (0) 45 439 886 - Mon to Fri 9am - 5pm customersupport@bnm.ie; www.bordnamonahorticulture.ie Fax: +353 (0) 45 439 001 |
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1.4. Emergency telephone number

| | |
|----------------------------|-----------------------------|
| Emergency telephone | +44 800 973 555 (Emergency) |
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

| | |
|------------------------------|----------------|
| Physical hazards | Not Classified |
| Health hazards | Not Classified |
| Environmental hazards | Not Classified |

2.2. Label elements

| | |
|--------------------------|-------------------|
| Hazard statements | NC Not Classified |
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2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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| Composition comments | Contains Potassium Nitrate (Oxidising) at <70% therefore Oxidising properties should not be active. |
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SECTION 4: First aid measures

4.1. Description of first aid measures

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| Inhalation | Get medical attention if symptoms are severe or persist. |
| Ingestion | Get medical attention if symptoms are severe or persist. |

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| | |
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| Skin contact | Wash skin thoroughly with soap and water or use an approved skin cleanser. Get medical attention if symptoms are severe or persist after washing. |
| Eye contact | Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing. |

4.2. Most important symptoms and effects, both acute and delayed

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| Inhalation | Dust in high concentrations may irritate the respiratory system. |
| Ingestion | No harmful effects expected from quantities likely to be ingested by accident. |
| Skin contact | Skin irritation should not occur when used as recommended. |
| Eye contact | The product is considered to be a low hazard under normal conditions of use. |

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

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| Notes for the doctor | Treat symptomatically. |
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SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. |
| Unsuitable extinguishing media | Not applicable. |

5.2. Special hazards arising from the substance or mixture

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| Specific hazards | Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. |
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5.3. Advice for firefighters

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| Protective actions during firefighting | No specific firefighting precautions known. |
| Special protective equipment for firefighters | Use protective equipment appropriate for surrounding materials. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| Personal precautions | Avoid inhalation of dust and contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Take care as floors and other surfaces may become slippery. |
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6.2. Environmental precautions

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| Environmental precautions | The product is not expected to be hazardous to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses. |
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6.3. Methods and material for containment and cleaning up

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| Methods for cleaning up | Take care as floors and other surfaces may become slippery. Collect and dispose of spillage as indicated in Section 13. Collect spillage with a shovel and broom, or similar and reuse, if possible. |
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6.4. Reference to other sections

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| Reference to other sections | For personal protection, see Section 8. For waste disposal, see Section 13. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| Usage precautions | Read label before use. Wear appropriate clothing to prevent repeated or prolonged skin contact. Avoid inhalation of dust and contact with skin and eyes. |
| Advice on general occupational hygiene | Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. |

7.2. Conditions for safe storage, including any incompatibilities

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| Storage precautions | Store in a dry place. Store in a cool and well-ventilated place. Keep only in the original container. |
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7.3. Specific end use(s)

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| Specific end use(s) | The identified uses for this product are detailed in Section 1.2. |
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SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

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| Ingredient comments | No exposure limits known for ingredient(s). |
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8.2. Exposure controls

Protective equipment



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| Appropriate engineering controls | All handling should only take place in well-ventilated areas. |
| Eye/face protection | Wear eye protection. |
| Hand protection | Wear protective gloves. |
| Other skin and body protection | Wear appropriate clothing to prevent repeated or prolonged skin contact. |
| Hygiene measures | Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. |
| Respiratory protection | No specific recommendations. |

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

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| Appearance | Crystalline powder. |
| Colour | White / Blue / Light Brown |
| Odour | Odourless. |
| Odour threshold | Not determined. |
| pH | Slightly Acidic |
| Melting point | Not relevant. |
| Initial boiling point and range | Not relevant. |
| Flash point | Not relevant. |
| Evaporation rate | Not relevant. |

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| Flammability (solid, gas) | The product is not flammable. |
| Vapour pressure | Not relevant. |
| Vapour density | Not relevant. |
| Relative density | Not relevant. |
| Solubility(ies) | Not known. |
| Partition coefficient | Not known. |
| Auto-ignition temperature | Not relevant. |
| Decomposition Temperature | Not relevant. |
| Viscosity | Not relevant. |
| Explosive properties | Not relevant. |
| Oxidising properties | Does not meet the criteria for classification as oxidising. |

9.2. Other information

Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stability Stable when stored in a dry place.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Avoid heat. No specific requirements are anticipated under normal conditions of use.

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products In combustion emits toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) No specific test data are available.

Acute toxicity - dermal

Notes (dermal LD₅₀) No specific test data are available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No specific test data are available.

Skin corrosion/irritation

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| | |
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| Skin corrosion/irritation | Based on available data the classification criteria are not met. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Based on available data the classification criteria are not met. |
| <u>Respiratory sensitisation</u> | |
| Respiratory sensitisation | Based on available data the classification criteria are not met. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Based on available data the classification criteria are not met. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | This substance has no evidence of mutagenic properties. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | No specific test data are available. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Based on available data the classification criteria are not met. Contains a small amount of Boron which is a SVHC and may damage fertility and may cause damage to the unborn child. |
| <u>Specific target organ toxicity - single exposure</u> | |
| STOT - single exposure | Not classified as a specific target organ toxicant after a single exposure. |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | Not classified as a specific target organ toxicant after repeated exposure. |
| <u>Aspiration hazard</u> | |
| Aspiration hazard | Not anticipated to present an aspiration hazard, based on chemical structure. |
| General information | No specific health hazards known. |

SECTION 12: Ecological Information

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| Ecotoxicity | The product is not expected to be toxic to aquatic organisms. |
| <u>12.1. Toxicity</u> | |
| <u>12.2. Persistence and degradability</u> | |
| Persistence and degradability | The product is biodegradable. |
| <u>12.3. Bioaccumulative potential</u> | |
| Bioaccumulative potential | The product is not bioaccumulating. |
| Partition coefficient | Not known. |
| <u>12.4. Mobility in soil</u> | |
| Mobility | No data available. |
| <u>12.5. Results of PBT and vPvB assessment</u> | |
| Results of PBT and vPvB assessment | This product does not contain any substances classified as PBT or vPvB. |
| <u>12.6. Other adverse effects</u> | |
| Other adverse effects | Not relevant. |

SECTION 13: Disposal considerations

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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.

Disposal methods Reuse or recycle products wherever possible. Dispose of waste product or used containers in accordance with local regulations. Dispose of contents/container in accordance with national regulations.

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 substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 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

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 20/09/2016

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| Revision | 1 |
| SDS number | 5584 |

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