



SAFETY DATA SHEET

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

Product Feed-All Controlled Release Granules

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name : Mixture of inorganic salts (NPK, NPKMg soluble fertilisers).
Origin & Composition : Mixture contains some or all of the following ingredients: Ammonium-, nitrate-, phosphate-, sulphate-, potassium-, magnesium salts and micro nutrients (trace elements: copper, molybdenum, iron, zinc, manganese, boron and EDTA).
Classification : Not classified "dangerous material" according to Directive 88/379/EC. There are no products in this group which are fertilisers with self-sustaining decomposition properties ("cigar-burners") or containing 45%-70% ammonium nitrate and not more than 0.4% of total combustible matter.

3. HAZARDS IDENTIFICATION

Relevant Hazards : Feed all is a fertiliser and with normal use is non hazardous.
Specific Hazards : The product can decompose when heated and emit toxic fumes (nitrogen oxides).

4. FIRST AID MEASURES

Inhalation : With normal use – not applicable.
Skin Contact : Easy to remove by washing with water and soap.
Eye Contact : Rinse with a lot of water. Contact doctor if needed.
Ingestion : Rinse mouth with a lot of water. Drink milk, take active carbon to limit uptake. Contact doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media : All media are suitable.
Special exposure hazards : In case of fire, toxic gases can result (nitrogen oxide).
Protective Clothing : In case of fire, protective clothing and pressurised air mask.

6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions | : Wear PVC gloves and safety goggles. |
| Environmental Precautions | : Keep away from drains, surface- and groundwater. |
| Cleaning method | : Put polluted material in marked containers and limited remainder can be removed by rinsing with lots of water. |

7. HANDLING AND STORAGE

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| Handling | : Use gloves and safety goggles when handling the material for longer periods. |
| Storage | : Store in original close packing. (The product absorbs moisture). |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Hygiene | : Don't eat, smoke or drink during work. |
| Respiratory Protection | : Use dust mask if dust formation might occur. |
| Hand Protection | : Use PVC gloves when handling the material for longer periods. |
| Eye Protection | : Use safety goggles when handling the material for longer periods. |
| Skin Protection | : Normal work clothing. |
| Exhibition Limits | : MAC-value 5mg/m ³ (annoying dust). |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Physical State | : Granules. |
| Colour | : Yellow. |
| Smell | : None. |
| Melting Point | : Depending on composition. |
| Explosive components | : The product is not explosive. |
| pH in water | : 3-5 (10% solution in water). |
| Bulk density | : 700-1300kg/m ³ . |
| Stability in water | : Stable. |

10. STABILITY AND REACTIVITY

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| Stability | : Stable. |
| Conditions to be avoided | : Unnecessary exposure to air and sources of heat. Before welding, clean up. |
| Contact with other materials to be avoided | : Combustible materials, reducing agents, acids and bases. |
| Dangerous decomposition Products | : See Section 3. |

11. TOXICOLOGICAL INFORMATION

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| Acute Toxicity | : Not known. |
| General | : LD50(rat) > 5g/kg oral. |
| Eye contact | : Irritation. |
| Skin contact | : Irritation after longer exposure. |
| Ingestion | : Unlikely, see Section 4. |
| Inhalation | : Not applicable. |
| Chronic affected | : No adverse effects known. |

**12. ECOLOGICAL INFORMATION**

Ecotoxicity : The product is used as a fertilizer and is not harmful to the environment when used as recommended.

13. DISPOSAL CONSIDERATIONS

Removal of remainder : See Section 6. If not polluted with other materials it should be considered to re-use the remainder as a fertilizer.
Transport : See Section 6.

14. TRANSPORT INFORMATION

UN Number Classification : None.
ADR/RD : Not applicable.
IMO : Not applicable. The product does not show self-sustaining decomposition properties in the trough test.

15. REGULATORY INFORMATION

Information on the label : Directive 76/116/EC.
Danger symbols : None.
Risk phrases : None.
Safety advice : None.

16. OTHER INFORMATION

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

Westland Horticulture Limited do not accept damage caused by incorrect use of this information.

Updated 06-08-2004 Version 1.3