





# Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: New Horizon All Round Fertiliser

Version:1.0

Revision date: 13.07.2018

Print date: 13.07.2018

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances N/A

### 3.2 Description Garden Fertiliser

Hazardous components/components having designated Workplace Exposure Limits:

| Ingredient | Identifiers    | Concentration %W/W | Warning Symbols | Regulation (EC) No 1272/2008 (CLP)      |
|------------|----------------|--------------------|-----------------|---|
| Limestone  | CAS: 1317-65-3 | 10 – 20 %          | N/A             | Substance with Workplace Exposure Limit |

See Section 16 for the full text of the H statements declared above

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General information:** Have the product container, label or Material Safety Data Sheet with you when calling a poison control center or physician, or going for treatment.

**Inhalation:** Small quantities are unlikely to cause toxic effects.  
Move person to fresh air.  
Keep patient warm and at rest.  
Get medical advice if symptoms persist or develop

**Skin Contact:** Wash off with soap and plenty of water.  
Get medical advice if irritation persists

**Eye Contact:** Rinse with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses and continue flushing.  
Get medical attention if irritation persist or develop

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel  
Rinse out mouth and then drink water  
Get medical attention if symptoms persist or develop



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

No specific treatment, treat symptomatically

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

No specific treatment, treat symptomatically

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media:

Use foam, carbon dioxide, dry powder, sand or water

The mixture is not classified as flammable; as such extinguishing media should be chosen as appropriate for surrounding materials.

### 5.2 Specific Hazards Arising From the Substance or Mixture:

As the product contains organic components, fire will produce hazardous products of combustion  
Exposure to decomposition products may be a hazard to health

### 5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus as required

### Additional Information:

Cool endangered containers with water spray

Do not allow molten material or run-off from fire fighting to enter drains or water courses.

If fire run-off water enters drains or water course, inform the appropriate water authorities immediately

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid formation / breathing of dust

Avoid contact with skin and eyes

Ensure adequate ventilation

### 6.2 Environmental Precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers

### 6.3 Methods and Materials for Containment and Cleaning Up:

Vacuum or sweep up material. Use water spray to prevent airborne dust where possible

Avoid dry sweeping which creates dust, damp down surfaces

Place into suitable labelled containers for disposal according to local / national regulations



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**Additional Information:** If large quantities of the product contaminates water courses or drains (including via contaminated soil & vegetation), inform respective authorities.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

- Prevent dust formation and inhalation
- Ensure adequate ventilation
- Avoid contact with eyes and skin
- Do not eat, drink or smoke when using this product
- Take off contaminated clothing and wash before reuse
- Avoid unnecessary exposure to atmosphere to prevent moisture pick up
- Wash hands and observe good hygiene practice after handling this product

### 7.2 Conditions for safe storage, including any incompatibilities:

- Keep containers closed tightly in a dry, cool and well-ventilated place.
- Keep product in original labelled containers
- Keep away from foodstuffs and beverages

### 7.3 Specific End Uses:

Use as fertiliser according to the instruction on the label

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

#### 8.1.1 Occupational exposure limits:

Ingredients with limit values that require monitoring at the workplace:

| Ingredient | Work Exposure Limit (WEL)  |   |
|------------|--|---|
|            | Long-term Exposure Limit<br>(8-hr TWA reference period)                  | Short-term Exposure Limit<br>(15 minute reference period) |
| Limestone  | Total Inhalable: 10 mg/m <sup>3</sup><br>Respirable: 4 mg/m <sup>3</sup> |   |



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**8.1.4 DNEL/PNEC-values:** N/A

## 8.2 Exposure Controls

**8.2.1 Appropriate engineering controls:** Avoid high dust concentration and provide ventilation where necessary

### 8.2.2 Personal protective equipment:

A risk assessment based on the task being performed and the risks involved should be carried out to determine personal protection equipment required  
Personal protective equipment should be certified to appropriate standards

**Respiratory Protection:** Not necessary if room is well ventilated  
Use suitable dust respirator if dust concentration is high, in enclosed spaces or insufficient ventilation. Filter P2

**Hand Protection:** Wear suitable gloves complying with EN420 when handling the product over long periods or if a risk assessment indicates this is necessary

**Eye Protection:** Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust

**Skin and Body Protection:** Protective work clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Appearance:** Solid, dark brown/black granules

**Physical state:** solid

**Colour:** dark brown/black

**Odour:** odourless



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**Odour threshold:** none known

## 9.2 Other information:

|  | Value   | Concentration | Method | Temperature | Pressure | Remark |
|--|---------|---------------|--------|-------------|----------|--------|
| pH   | 5.5-6.5 | -             | -      | 20 °C       | -        | -      |
| Melting point/freezing point                 | -       | -             | -      | -           | -        | -      |
| Initial boiling point/boiling range          | -       | -             | -      | -           | -        | -      |
| Flash point                                  | -       | -             | -      | -           | -        | -      |
| Evaporation rate                             | -       | -             | -      | -           | -        | -      |
| Flammability (solid, gas)                    | -       | -             | -      | -           | -        | -      |
| Upper/lower flammability or explosive limits | -       | -             | -      | -           | -        | -      |
| Upper explosive limits                       | -       | -             | -      | -           | -        | -      |
| Lower explosive limits                       | -       | -             | -      | -           | -        | -      |
| Vapour pressure                              | -       | -             | -      | -           | -        | -      |
| Vapour density                               | -       | -             | -      | -           | -        | -      |
| Relative density                             | 0.8kg/l | -             | -      | -           | -        | -      |
| Solubility(ies)                              | -       | -             | -      | -           | -        | -      |
| Partition coefficient: n-octanol/water       | -       | -             | -      | -           | -        | -      |
| Auto-ignition temperature                    | -       | -             | -      | -           | -        | -      |
| Decomposition temperature                    | -       | -             | -      | -           | -        | -      |
| Viscosity                                    | -       | -             | -      | -           | -        | -      |
| Viscosity, dynamic                           | -       | -             | -      | -           | -        | -      |
| Viscosity, cinematic                         | -       | -             | -      | -           | -        | -      |
| Explosive properties                         | none    | -             | -      | -           | -        | -      |
| Oxidising properties                         | none    | -             | -      | -           | -        | -      |

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity** Stable under normal conditions of storage, handling and use

**10.2 Chemical stability** Stable under normal conditions of storage, handling and use



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**10.3 Possibility of hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**10.4 Conditions to avoid:** Extremes of temperature

**10.5 Incompatible materials:** None known

**10.6 Hazardous decomposition products:** Heating or fire can release toxic or irritant vapours and fumes

## 11. TOXICOLOGICAL INFORMATION

### Toxicokinetics, metabolism and distribution

#### 11.1 Information on toxicological effects

**Acute Toxicity:** Not expected to be toxic, however if large quantities are ingested, seek medical advice.

**Skin corrosion/Irritation:** No known significant effects or critical hazards.

**Eye damage/Irritation:** No known significant effects or critical hazards.

**Respiratory or Skin Sensitization:** Non sensitizing.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** The mixture is not classified as mutagenic, carcinogen, reproductive toxic or aspiration hazard based on formulation components

## 12. ECOLOGICAL INFORMATION

### SECTION 12: Ecological Information

**12.1 Toxicity:** This product is not classified as harmful to aquatic life



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**12.2 Persistence and Degradability:** Information not available on mixture

**12.3 Bioaccumulative Potential:** Information not available on mixture

**12.4 Mobility in Soil:** Information not available on mixture

**12.5 PBT and vPvB assessment:** Information not available on mixture

**12.6 Other adverse effects:** Information not available

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Product:** Do not contaminate ponds, waterways or ditches with significant quantities of product  
Check if agriculture use is possible. Dispose of by use on farm as a fertiliser, by spreading thinly on open ground  
Where possible recycling is preferred to disposal or incineration.  
If recycling is not practicable, dispose of in compliance with local regulations.

**Contaminated Packaging:** Empty remaining contents.  
Completely empty containers can be put in the bin or disposed of in compliance with applicable local regulations

## 14. TRANSPORT INFORMATION

|  | Land transport (ADR/RID) | Inland waterway transport (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|--|--------------------------|---------------------------------|----------------------|------------------------------------|
| <b>14.1 UN No.</b>                     | Not dangerous goods      | Not dangerous goods             | Not dangerous goods  | Not dangerous goods                |
| <b>14.2 UN Proper shipping name</b>    | Not dangerous goods      | Not dangerous goods             | Not dangerous goods  | Not dangerous goods                |
| <b>14.3 Transport hazard class(es)</b> | Not dangerous goods      | Not dangerous goods             | Not dangerous goods  | Not dangerous goods                |
| <b>Hazard label(s)</b>                 | Not dangerous            | Not dangerous                   | Not dangerous        | Not dangerous                      |





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|                                   |                     |                     |                     |                     |
|-----------------------------------|---------------------|---------------------|---------------------|---------------------|
|                                   | goods               | goods               | goods               | goods               |
| <b>14.4 Packing group</b>         | Not dangerous goods | Not dangerous goods | Not dangerous goods | Not dangerous goods |
| <b>14.5 Environmental hazards</b> | Not dangerous goods | Not dangerous goods | Not dangerous goods | Not dangerous goods |

**14.6 Special precautions for user:** None

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

**Additional information:** None

## 15. REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance of mixture:**

This mixture is classified in accordance with Regulation 1272/2008.

**15.2 Chemical Safety Assessment:** A Chemical Safety Assessment has not been undertaken for this mixture

## 16. OTHER INFORMATION

**16.1 Indication of changes**

**16.2 Abbreviations and acronyms:**

|                              |  |
|------------------------------|--|
| ADR                          | International Carriage of Dangerous Goods by Road                          |
| CAS No                       | Chemicals Abstract Service Registry Number                                 |
| EC No                        | European Community Number for chemicals within EU regulations              |
| IATA-DGR                     | Dangerous Goods Regulations by the International Air Transport Association |
| IMDG Code                    | International Maritime Dangerous Goods Code                                |
| PBT                          | Persistent, Bioaccumulative and Toxic Properties                           |
| Regulation (EC) No 1272/2008 | Classification, Labelling and Packaging (CLP)                              |
| RID                          | International Transport of Dangerous Goods by Rail                         |
| vPvB                         | Very Persistent and Very Bioaccumulative Properties                        |



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**16.3 Key literature references and sources for data:** Westland Horticulture Ltd

**16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:**  
See SECTION 2.1 (classification).

**16.5 Relevant H- and EUH-phrases (number and full text):** N/A

**16.6 Training advice:** follow the instructions

**16.7 Further information:**

Before using this product, ensure that you read and understand its label

MSDS information:

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

This safety data sheet provides health and safety information. This product is to be used in applications with best use practice. Individuals handling this product should be informed under COSHH of the recommended safety precautions and should have access to this information. The product information in this data sheet is to the best of our knowledge correct as at the date of publication. Westland Horticulture Limited does not accept responsibility for damage caused by incorrect use of this information.

Training and related advice:

This document contains important information to ensure the safe storage, handling and use of this product. It is the responsibility of your organisation to ensure that the information contained in this document is communicated to the end user and that all necessary training to enable the product to be used correctly has been given.

For further information please contact Westland Horticulture Ltd, 14 Granville Industrial Estate, Granville Road, Dungannon, County Tyrone, BT70 1NJ.