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

1.1 Product Identifier  organic Chicken Manure Pellets

1.2 Relevant identified uses of the substance  Plant food

1.3 Supplier  Westland Horticulture Ltd
14 Granville Industrial Estate
Granville Road
Dungannon
County Tyrone
BT70 1NJ

Email  customerservice@WestlandHorticulture.com

1.4 Emergency Telephone Number  01480 443789 (UK) 24hrs

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture According to Regulation (EC) No 1272/2008:
   Not classified

2.2 Label Elements According to Regulation (EC) No 1272/2008:
   Not applicable

Hazard pictograms:  Not applicable
Hazard statements:  Not applicable
Precautionary statements:  Not applicable
Supplemental Hazard information:  Not applicable
Special rules for supplemental label elements for certain mixtures:  Not applicable
3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances: N/A

3.2 Mixtures

Description: Pelletised organic chicken manure N-P-K 4.5 – 3.5 – 2.5

Hazardous ingredients

This mixture does not contain ingredients classified as hazardous substances

Additional information: None

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. Get medical advice is any symptoms occur or persist

Inhalation: Move person to fresh air. Keep patient warm and at rest.

Skin Contact: Wash off with soap and plenty of water.

Eye Contact: Rinse with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses and continue flushing.

Ingestion: Rinse out mouth and then drink water

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

Information not available
5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media:
All types of extinguishing agent permitted

5.2 Specific Hazards Arising From the Substance or Mixture:
Fire may produce hazardous products of combustion such as carbon monoxide and nitrogen oxides
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.

Additional Information: Dike fire control water for later disposal

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:
Avoid formation / breathing of dust
Ensure adequate ventilation

6.2 Environmental Precautions:
Not applicable

6.3 Methods and Materials for Containment and Cleaning Up:
Vacuum or sweep up material
Wash affected area with water
Place into suitable labelled containers for disposal according to local / national regulations

6.4 Reference to other sections

Additional information: None

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures:

Handling:
• Prevent dust formation and inhalation
• Avoid contact with eyes and skin
• Wash hands and observe good hygiene practice after handling this product
7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep product in original labelled containers

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: No ingredients with limit values that require monitoring at the workplace

8.1.2 Biological limit values: None

8.1.3 Exposure limits at intended use: None

8.1.4 DNEL/PNEC-values:

- DNEL Worker: N/A
- DNEL Consumer: N/A
- PNEC: N/A

8.1.5 Risk management measures according to used control banding approach: N/A

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

- Engineering Measures: No special ventilation requirements. Avoid high dust concentration and provide ventilation where necessary

8.2.2 Personal protective equipment:

- Eye Protection: Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust. Safety glasses complying with EN166 as a minimum
Skin and Body Protection: Protective work clothing

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

Respiratory Protection: Not necessary if room is well ventilated
Use suitable dust respirator if dust concentration is high or if a risk assessment indicates this is necessary. (Filter P2)

8.2.3 Environmental exposure controls: N/A
Consumer exposure control: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Dark brown pellets
Physical state: solid
Colour: Dark brown
Odour: characteristic
Odour threshold: not known
9.2 Other information

<table>
<thead>
<tr>
<th></th>
<th>Value</th>
<th>Concentration</th>
<th>Method</th>
<th>Temperature</th>
<th>Pressure</th>
<th>Remark</th>
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<tbody>
<tr>
<td>pH</td>
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<td>-</td>
<td>20°C</td>
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<tr>
<td>Melting point/freezing point</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Initial boiling point/boiling range</td>
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<tr>
<td>Flash point</td>
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<tr>
<td>Evaporation rate</td>
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<td>-</td>
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<tr>
<td>Flammability (solid, gas)</td>
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<tr>
<td>Upper/lower flammability or explosive limits</td>
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<td>-</td>
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<tr>
<td>Upper explosive limits</td>
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<tr>
<td>Lower explosive limits</td>
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<tr>
<td>Vapour pressure</td>
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<td>Vapour density</td>
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<tr>
<td>Relative density</td>
<td>500-650g/L</td>
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<td>-</td>
<td>20°C</td>
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<tr>
<td>Solubility(ies)</td>
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<td>Partition coefficient: n-octanol/water</td>
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<td>Auto-ignition temperature</td>
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<tr>
<td>Decomposition temperature</td>
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<tr>
<td>Viscosity</td>
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<tr>
<td>Viscosity, dynamic</td>
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Physical hazards:

**Flammable aerosols**

Justification for data waiving:

Safety characteristics:

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<tr>
<td>Chemical heat of combustion</td>
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<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ignition distance</td>
<td>-</td>
<td>-</td>
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<td>-</td>
</tr>
<tr>
<td>Time equivalent</td>
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<td>-</td>
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<td>Deflagration density</td>
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</table>
Flammable solids

Justification for data waiving:

Safety characteristics:

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<th></th>
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<tbody>
<tr>
<td>Burning rate</td>
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<tr>
<td>Burning rate with wetted zone</td>
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<tr>
<td>Moisture content</td>
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</table>

Assessment / Classification: N/A

Oxidising solids

Justification for data waiving:

Safety characteristics:

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<th>Remark</th>
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</thead>
<tbody>
<tr>
<td>Mean burning time of test mixture</td>
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<tr>
<td>Mean burning time of reference mixture</td>
<td>N/A</td>
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</tbody>
</table>

Assessment / Classification: N/A
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

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: Oxidising agents

10.6 Hazardous Decomposition: 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: Mixture not classified for acute toxicity

Skin Corrosion/ Irritation: The mixture is not classified as skin irritant

Eye damage/Irritation: The mixture is not classified for eye damage

Respiratory or Skin Sensitization: The mixture is not classified as a sensitizer

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Reproductive toxicology:

Practical experience / human evidence: The mixture is not classified as mutagenic, carcinogen, reproductive toxic or aspiration hazard

Aspiration hazard: The mixture is not classified as an aspiration hazard
12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity: The mixture is not classified for environmental hazard

12.2 Persistence and Degradability: No information available on mixture

12.3 Bioaccumulative Potential: No information available on mixture

12.4 Mobility in Soil: No information available on mixture

12.5 PBT and vPvB assessment: No information available on mixture

12.6 Other adverse effects: Information not available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: Spread product over land as soil conditioner
Check if agriculture use is possible.
Where possible recycling is preferred to disposal or incineration.
If recycling is not practicable, dispose of in compliance with local regulations.

Waste codes / waste designations according to EWC / AVV: N/A

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

Additional information: None
### 14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Land transport (ADR/RID)</th>
<th>Inland waterway transport (ADN)</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO-TI / IATA-DGR)</th>
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</thead>
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<td>14.1 UN No.</td>
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<tr>
<td>14.2 UN Proper shipping name</td>
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<td>14.3 Transport hazard class(es)</td>
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<td>Hazard label(s)</td>
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<td>14.4 Packing group</td>
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<tr>
<td>14.5 Environmental hazards</td>
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<td>Not dangerous goods</td>
<td>Not dangerous goods</td>
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</tbody>
</table>

**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:

Authorisations and/or restrictions on use: For use as a fertiliser only

Other EU regulations: This mixture is classified in accordance with Directive 1999/45/EC and 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
RID: International Transport of Dangerous Goods by Rail
vPvB: Very Persistent and Very Bioaccumulative Properties

16.3 Key literature references and sources for data – unknown

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]: None

16.5 Relevant R-, H- and EUH-phrases (number and full text): Follow the instructions

16.6 Recommended uses and restrictions: 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 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.