



Magnum Granular

Material Safety Data Sheet

Issue: 03 - Feb 2015

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 1 of 6

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

1.1 Product Identifier Magnum Granular

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

Relevant uses: Wetting agent. For professional use only.

Uses advised against: All uses not specified in this section or in section 7.3

1.3. Details of the supplier of the safety data sheet

Company: Indigrow Ltd, The Old Bakery, Hyde End Lane, Brimpton, Berkshire, RG7 4RH. UK.

Phone: +44 (0) 1189 710 995

Email: growth@indigrow.com

1.4. Emergency telephone number +44 (0) 7725 962 366

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Directive 67/548/EC and Directive 1999/45/EC:

In accordance with Directive 67/548/EC and Directive 1999/45/EC, the product is not classified as dangerous.

CLP Regulation (EC) n° 1272/2008:

The product is not classified as dangerous according to CLP Regulation (EC) n° 1272/2008.

2.2. Label elements

CLP Regulation (EC) n° 1272/2008:

Hazard indications: Non-applicable

Cautionary advice: P281: Use personal protective equipment as required
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Supplementary information: Non-applicable

2.3. Other hazards

Non-applicable.

SECTION 3: Composition/Information on Ingredients

Chemical description: Miscellaneous products

Components: None of the substances contained in the mixture are above the values fixed in Annex II of Regulation (EC) n°1907/2006.

Magnum Granular

Material Safety Data Sheet

Issue: 03 - Feb 2015

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 2 of 6

SECTION 4: First-Aid Measures

4.1. Description of first aid measures

Consult a doctor in case of discomfort with this Security Data Sheet.

If inhaled:	In case of symptoms, move the person affected into fresh air.
On skin contact:	In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of modifications on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Security Data Sheet
On contact with eyes:	Rinse with water until the product has been eliminated. In case of problems, consult a doctor with the MSDS of this product.
On ingestion:	In case of consumption in large quantities, it is recommended to seek medical assistance.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Product is non-flammable, low risk of fire by the inflammability characteristics of the product in normal conditions of storage, manipulation and use. In the case of the existence of sustained combustion as a result of improper manipulation, storage or use any type of extinguishing agent can be used (ABC Powder, water,...).

5.2. Special hazards arising from the substance or mixture

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation and use.

5.3. Advice for fire-fighters

Have available a minimum of emergency facilities or equipment (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:	Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies.
------------------------	------------------------------------------------------------------------------------------------------------------------------------------

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal See sections 8 and 13.

6.2. Environmental precautions

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container.

6.3. Methods and material for containment and cleaning up

It is recommended:	Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal.
--------------------	------------------------------------------------------------------------------------------------------

6.4. Reference to other sections

See sections 8 and 13.

Magnum Granular

Material Safety Data Sheet

Issue: 03 - Feb 2015

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 3 of 6

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Precautions for safe manipulation: Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and destroy using safe methods (section 6).

Technical recommendations for the prevention of fires and explosions:

It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided.

Technical recommendations to prevent ergonomic and toxicological risks:

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

Technical recommendations to prevent environmental risks:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures for storage: Minimum Temp.: 0 °C
Maximum Temp.: 40 °C
Maximum time: 24 Months

General conditions for storage: Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5.

7.3. Specific end use(s)

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Substances whose occupational exposure limits have to be monitored in the work environment.

Nuisance dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

DNEL (Workers): Non-applicable

DNEL (Population): Non-applicable

PNEC: Non-applicable

8.2. Exposure controls

General security and hygiene measures in the work place:

As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding "CE marking" in accordance with Directive 89/686/EC. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

Respiratory protection: The use of protection equipment will be necessary if a mist forms or if the professional exposure limits are exceeded.

Specific protection for the hands: Non-applicable

Ocular and facial protection: Non-applicable

Bodily protection: Non-applicable

Additional emergency measures: It is not necessary to take additional emergency measures.

Environmental exposure controls: This product does not contain substances dangerous to the environment, although it is recommended not to spill it. For additional information see subsection 7.1.D.

Magnum Granular

Material Safety Data Sheet

Issue: 03 - Feb 2015

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 4 of 6

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C:	solid
	Appearance:	granulated
	Colour:	grey
	Odour:	characteristic
Product Description:	pH:	6-8 to 10%
	Solubility property:	Soluble with difficulty
Flammability:	Flash Point:	Non Flammable (>60°C)

9.2. Other information

Surface tension at 20 °C:	Non-applicable
Refraction index:	Non-applicable

SECTION 10: Stability and Reactivity

10.1. Reactivity

No hazardous reactions are expected if the following technical instructions storage of chemicals. See section 7.

10.2. Chemical stability

Chemically stable under the conditions of storage, handling and use.

10.3. Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead excessive temperatures or pressure are not expected.

10.4. Conditions to avoid

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5. Incompatible materials

Acids	Water	Combustive materials	Combustible materials	Others
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.6. Hazardous decomposition products

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

LD50 oral > 2000 mg/kg (rat)

Dangerous health implications: In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:



Magnum Granular

Material Safety Data Sheet

Issue: 03 - Feb 2015

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 5 of 6

Ingestion:	Based on available data, the classification criteria are not met
Inhalation:	Based on available data, the classification criteria are not met
Contact with the skin and the eyes:	Based on available data, the classification criteria are not met
CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):	Based on available data, the classification criteria are not met
Sensitizing effects:	Based on available data, the classification criteria are not met
Specific target organ toxicity (STOT)-time exposure:	Based on available data, the classification criteria are not met
Specific target organ toxicity (STOT)-repeated exposure:	Based on available data, the classification criteria are not met
Aspiration hazard:	Based on available data, the classification criteria are not met
Other information:	Non-available
Specific toxicology information on the substances:	Non-available

SECTION 12: Ecological Information

The experimental information related to the ecotoxicological properties of the mixture itself is not available

12.1. Toxicity

Not available

12.2. Persistence and degradability

Not available

12.3. Bioaccumulative potential

Not available

12.4. Mobility in soil

Not available

12.5. Results of PBT and vPvB assessment

Not available

12.6. Other adverse effects

Not available

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Code	Description	Waste class (Directive 2008/98/EC)
	It is not possible to assign a specific code, as it depends on the intended use by the user	Non dangerous

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2000/532/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.



Magnum Granular

Material Safety Data Sheet

Issue: 03 - Feb 2015

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 6 of 6

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) n°1907/2006 (REACH) the community or state provisions related to waste management are stated.

Community legislation: Directive 2008/98/EC, 2000/532/EC: Commission Decision of 3 May 2000

SECTION 14: Transport Information

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: Regulatory Information

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

Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH): Non-applicable

Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable

Active substances for which a decision of non-inclusion onto Annex I (Regulation (EU) No 528/2012): Non-applicable

Regulation (EC) 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII, REACH): Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

15.2. Chemical Safety Assessment

The supplier has not carried out evaluation of chemical safety.

16. OTHER INFORMATION

The information contained herein relates only to the designated formulation and may not be valid if product is used in combination with other substances. The information is to the best of our knowledge, belief and understanding, true, accurate and reliable at the date of issue. However, the information may neither be exhaustive or complete, and no warranty, guarantee or liability concerning the accuracy or completeness of the information is expressed or implied. It is the user's risk and sole responsibility to verify and satisfy their own criteria and duty of care concerning the validity of the information in relation to their application of the product.

ISSUE 3 02/15 GCL
