



# Magnum

## 357 Calibre

### Material Safety Data Sheet

Issue: 01 - Jan 2016

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

**1.1 Product Identifier** Magnum 357 Calibre

**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

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#### SECTION 2: Hazards Identification

**2.1. Classification of the substance or mixture**

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: 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

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#### SECTION 3: Composition/Information on Ingredients

**3.1. Substance**

Non-applicable

**3.2. Mixture**

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.

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#### SECTION 4: First-Aid Measures

**4.1. Description of first aid measures**

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.



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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

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### 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

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (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. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

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### SECTION 6: Accidental Release Measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Isolate leaks provided that there is no additional risk for the people performing this task.

#### 6.2. Environmental precautions

This product is not classified as dangerous to the environment. Keep product away from drains, surface and underground water.

#### 6.3. Methods and material for containment and cleaning up

It is recommended to absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

#### 6.4. Reference to other sections

See sections 8 and 13.



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#### 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. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

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:

It is not necessary to take special measures to prevent environmental risks. For more information see subsection 6.2.

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

Technical measures for storage: Minimum Temp.: 0 °C  
Maximum Temp.: 40 °C  
Maximum time: 36 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.

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#### SECTION 8: Exposure Controls/Personal Protection

##### 8.1. Control parameters

Substances whose occupational exposure limits have to be monitored in the work environment. There are no environmental limits for the substances contained in the product.

##### 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.



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Volatile organic compounds:	With regard to Directive 2010/75/EU, this product has the following characteristics:	
	V.O.C. (Supply):	0% weight
	V.O.C. density at 20 °C:	0 kg/m <sup>3</sup> (0 g/L)
	Average carbon number:	Non-applicable
	Average molecular weight:	Non-applicable

#### SECTION 9: Physical and Chemical Properties

##### 9.1. Information on basic physical and chemical properties

Physical state at 20 °C:	liquid
Appearance:	characteristic
Colour:	not available
Odour:	characteristic
Boiling point at atmospheric pressure:	188 °C
Vapour pressure at 20 °C:	7 Pa
Vapour pressure at 50 °C:	86 Pa (0 kPa)
Density at 20 °C:	-4 - 6 kg/m <sup>3</sup>
Relative density at 20 °C:	1.03 - 1.04
pH:	6 - 8.5 to 1%
Solubility property:	Miscible
Flash Point:	Non Flammable (>60 °C)
Autoignition temperature:	421°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:	Not applicable
Contact with air:	Not applicable
Increase in temperature:	Not applicable
Sunlight:	Not applicable
Humidity:	Not applicable

##### 10.5. Incompatible materials

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



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#### 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 (CO<sub>2</sub>), carbon monoxide and other organic compounds.

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#### 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:

Ingestion: Acute toxicity: Based on available data, the classification criteria are not met  
Corrosivity/Irritability: Based on available data, the classification criteria are not met

Inhalation: Acute toxicity: Based on available data, the classification criteria are not met  
Corrosivity/Irritability: Based on available data, the classification criteria are not met

Contact with the skin and the eyes: Contact with the skin: Based on available data, the classification criteria are not met  
Contact with the eyes: Based on available data, the classification criteria are not met

CMR effects: Carcinogenicity: Based on available data, the classification criteria are not met  
Mutagenicity: Based on available data, the classification criteria are not met  
Reproductive toxicity: Based on available data, the classification criteria are not met

E- Sensitizing effects: Respiratory: Based on available data, the classification criteria are not met  
Cutaneous: 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

G- Specific target organ toxicity (STOT)-repeated exposure: Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met  
Skin: Based on available data, the classification criteria are not met

Aspiration hazard: Based on available data, the classification criteria are not met

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#### SECTION 12: Ecological Information

##### 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



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#### 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 recommend disposal down the drain. See paragraph 6.2.

##### 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

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: 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.

##### Other legislation:

The product could be affected by sectorial legislation

##### 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.