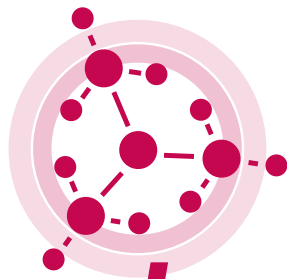


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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier Asset Chitosan

1.2. Relevant identified uses of the substance or mixture and uses advised against
 Relevant uses: Use as a professional use fertiliser.

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

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Ingredient Name | Percentage (%) | CAS |
|--------------------------|----------------|-------------|
| Chitosan oligosaccharide | 10% | 148411-57-8 |

SECTION 4: First-Aid Measures

4.1. Description of first aid measures

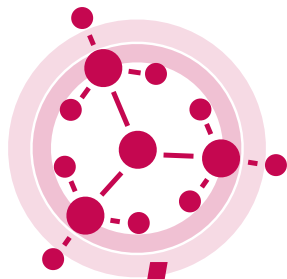
Inhalation: None required.
 Skin contact: Not normally irritating to skin. Wash in water.
 Eye contact: Remove contact lenses. Wash thoroughly for several minutes using copious amounts of water. Seek medical help if necessary.
 Ingestion: Rinse the mouth thoroughly with water. Give copious amounts of water to drink. Consult doctor immediately.

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

If applicable, delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

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

Not applicable.



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SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media: Adapt to the nature and extent of fire. Water jet spray/foam/CO₂/dry extinguisher.

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

In case of fire the following can develop:

Oxides of carbon

Toxic gases

5.3. Advice for fire-fighters

In case of fire and/or explosion, do not breathe fumes. Protective respirator with independent air supply should be used. Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

No special measures require. Avoid contact with eyes or skin. Caution: risk of slipping.

6.2. Environmental precautions

Prevent from entering drainage system. Prevent surface and ground water infiltration as well as ground penetration.

6.3. Methods and material for containment and cleaning up

Pick up mechanically and dispose of according to section 13.

6.4. Reference to other sections

For personal protective equipment, see section 8 and for disposal instructions see section 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

General recommendations: Avoid contact with eyes.
Eating, drinking, smoking as well as food storage, is prohibited in work room.
Observe directions on label and instructions for use.

Notes on general hygiene measures at the workplace:

General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at the end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

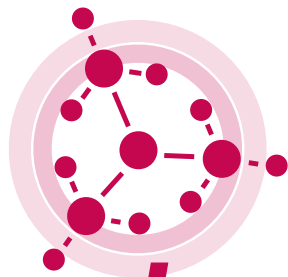
7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

No data available.



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SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Workplace exposure limits: No data available.
DNEL/PNEC: No data available.

8.2. Exposure controls

General: Ensure good ventilation.
Respiratory protection: Not normally necessary.
Hand protection: Not normally necessary.
Eye protection: Not normally necessary.
Skin protection: Not normally necessary.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

State: Liquid
Colour: Dark Brown
Odour: Characteristic
Melting point/freezing point: 40-80°C
Flash point: >100°C
Density: 0.89 g/cm³ (20°C)
Water solubility: Insoluble

9.2. Other information

No data available.

SECTION 10: Stability and Reactivity

10.1. Reactivity

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

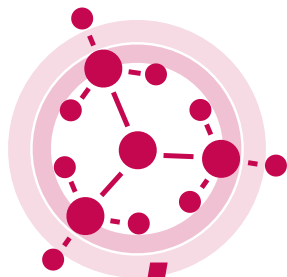
None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

No decomposition when used as directed.



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SECTION 11: Toxicological Information

11.1. Information on toxicological effects

No data available.

11.2. Other Information

No data available.

SECTION 12: Ecological Information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport Information

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

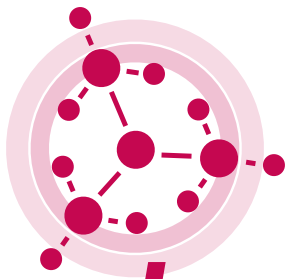
SECTION 15: Regulatory Information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

The supplier has not carried out evaluation of chemical safety.



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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.

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