



Impact

Emerge 10-20-10

Material Safety Data Sheet

Issue: 01 - Oct 2016

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

1.1 Product Identifier Impact Emerge 10-20-10

1.2. Relevant identified uses of the substance or mixture and uses advised against
Relevant uses: Fertiliser. For professional use only.

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]:
Not classified

Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]:
No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4: First-Aid Measures

4.1. Description of first aid measures

Inhalation: Move to fresh air in case of accidental inhalation. Seek medical attention if ill effect develops.
Skin Contact: Wash with water and soap as a precaution. If case of redness or irritation, call a doctor.
Eye Contact: Rinse thoroughly and plentifully with water, also under the eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult an eye specialist immediately.

Ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting without medical advice. Seek medical advice (show the label where possible).

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

Symptoms: See 2.1 / 2.3.

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

No data / information available.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media: water, carbon dioxide (CO₂), powder and foam. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire:

On thermal decomposition (pyrolysis), releases : Nitrogen oxides. Phosphorus oxides. Sulphur oxides. Carbon monoxide. Carbon dioxide.

5.3. Advice for fire-fighters

Protection during firefighting: Do not enter or remain in the danger zone without protection clothing. Wearing autonomous, insulating breathing equipment is recommended when entering the danger zone.

Other information: Avoid pouring fire water down the drains.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Avoid dust production. Where contact with eyes or skin is likely, wear suitable protection. Concerning personal protective equipment to use, see Section 8.

Emergency procedures: Evacuate unnecessary personnel. Stop leak without risks if possible. Dike and contain spill.

6.2. Environmental precautions

Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Collect spillage. Carefully collect remainder. On land, sweep or shovel into suitable containers. Minimize generation of dust. Do not discharge waste into drains.

Other information: This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Precautions for safe handling: Provide adequate ventilation to minimize dust concentrations. Comply with applicable regulations.

Hygiene measures: Do not drink, eat or smoke in the workplace. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Bulk product storage: The floor of the depot should be impermeable and designed to form a water-tight basin.

Storage conditions: Store in original container.

Incompatible materials: Refer to section 10 on incompatible materials.

Storage area: Store in dry, cool, well-ventilated area.

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7.3. Specific end use(s)

See section(s): 1.2.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

No study has been carried out for the moment on this mixture.

8.2. Exposure controls

Eye protection:

Type:	Safety glasses
Use:	Droplet
Characteristics:	With side shields
Standard:	EN 166

Skin and body protection:

Skin protection appropriate to the conditions of use should be provided. In case of repeated or prolonged contact wear gloves

Type:	Gloves
Standard:	EN 374

Respiratory protection:

Where excessive dust may result, wear approved mask

Device:	Disposable half mask, Reusable half mask
Filter type:	Type P2
Condition:	Dust protection
Standard:	EN 143, EN 149

Environmental exposure controls: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

Other information: See section 6: Accidental release measures.
See section 7: Precautions for safe handling.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Off white.
Odour:	odourless.
pH (solution):	5 - 8 - pH value in distilled water
Melting point:	> 133 °C
Flammability (solid, gas):	In case of excessive dust production, dust may form flammable and explosive mixture with air
Density:	900 - 1100 kg/m ³
Solubility:	Water: partially to totally soluble

9.2. Other information

No additional information available.

SECTION 10: Stability and Reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. Gel.

10.5. Incompatible materials

Alkalis. Strong acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

In case of fire: See section 5.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity: Not classified (Based on available data, the classification criteria are not met)

Skin corrosion/irritation: Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation: Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitisation: Not classified (Based on available data, the classification criteria are not met). Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure

Germ cell mutagenicity: Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity: Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity: Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure): Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure):

Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - general: No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation.

12.2. Persistence and degradability

No study has been carried out for the moment on this mixture.

12.3. Bioaccumulative potential

No data / information available.

12.4. Mobility in soil

No data / information available.

12.5. Results of PBT and vPvB assessment

No additional information available.

12.6. Other adverse effects

May cause eutrophication at very low concentration.



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SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Regional legislation (waste): Dispose of in accordance with relevant local regulations.
Waste treatment methods: Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Remove to an authorized waste treatment plant.
Waste disposal recommendations: Refer to manufacturer or supplier for information on recovery or recycling.
European List of Waste (LoW) code: 02 01 09 - agrochemical waste other than those mentioned in 02 01 08

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

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Other information, restriction and prohibition regulations:
All the constituents of this preparation are registered in the EINECS inventory or in the ELINCS list.
National regulations: Ensure all national/local regulations are observed

15.2. Chemical Safety Assessment

No additional information available.

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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