



# Impact

## Vitalize 16-5-16

### Material Safety Data Sheet

Issue: 02 - Nov 2015

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 1 of 5

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

**1.1 Product Identifier** Impact Vitalize 16-5-16

**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

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#### SECTION 2: Hazards Identification

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

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

**2.2. Label elements**

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

**2.3. Other hazards**

No additional information available

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#### 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

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#### SECTION 4: First-Aid Measures

**4.1. Description of first aid measures**

Inhalation: Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.  
Skin Contact: Wash with plenty of water. If on skin and if skin irritation occurs, seek medical advice and attention.  
Eye Contact: Rinse immediately and thoroughly with clean water during at least 15 minutes, keeping the eyes wide open. Obtain medical attention if pain, blinking or redness persist.  
Ingestion: If swallowed, rinse mouth with water (only if the person is conscious). If you feel unwell, seek medical advice.

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

Symptoms: See 2.1 / 2.3.



# Impact

## Vitalize 16-5-16

### Material Safety Data Sheet

Issue: 02 - Nov 2015

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 2 of 5

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

No data / information available.

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#### SECTION 5: Fire-Fighting Measures

##### 5.1. Extinguishing media

Suitable extinguishing media: Water spray, AFFF foam, CO<sub>2</sub>.

Unsuitable extinguishing media: None.

##### 5.2. Special hazards arising from the substance or mixture

Fire hazard: Non combustible.

##### 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.

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#### 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.

##### 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. Scoop absorbed substance into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation. Clean contaminated surfaces with an excess of water.

##### 6.4. Reference to other sections

No additional information available.

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#### SECTION 7: Handling and Storage

##### 7.1. Precautions for safe handling

Precautions for safe handling: Where contact with eyes or skin is likely, wear suitable protection. Provide adequate ventilation to minimise dust concentrations.

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

Storage conditions: Keep in original containers.

Storage area: Store in a dry area. Store at ambient temperature.

##### 7.3. Specific end use(s)

No data / information available.



# Impact

## Vitalize 16-5-16

### Material Safety Data Sheet

Issue: 02 - Nov 2015

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 3 of 5

#### 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

Hand protection:	butyl rubber gloves. Latex gloves.
Eye protection:	Use splash goggles when eye contact due to splashing is possible.
Skin and body protection:	Skin protection appropriate to the conditions of use should be provided.
Respiratory protection:	Where excessive dust may result, wear approved mask.
Other information:	Wash hands after working with the product. If on skin, take off contaminated clothing. Do not drink, eat or smoke in the workplace.

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#### 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):	If significant formation of dust, dust-air mixture may be flammable/explosive
Density:	900-1,100 kg/m <sup>3</sup>
Solubility:	Water: partially to totally soluble
Explosive properties:	If significant formation of dust, dust-air mixture may be flammable/explosive.

##### 9.2. Other information

No additional information available.

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#### SECTION 10: Stability and Reactivity

##### 10.1. Reactivity

By thermal decomposition, product may emit oxides of sulfur, phosphorus oxides (eg P<sub>2</sub>O<sub>5</sub>), corrosive and toxic, ammonia.

##### 10.2. Chemical stability

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

##### 10.3. Possibility of hazardous reactions

No data / information available.

##### 10.4. Conditions to avoid

Heat.

##### 10.5. Incompatible materials

Alkalis, strong acids, copper and other alloys.

##### 10.6. Hazardous decomposition products

In the event of fire: see Section 5.

# Impact

## Vitalize 16-5-16

### Material Safety Data Sheet

Issue: 02 - Nov 2015

Indigrow Ltd Safety data sheet according to Regulation (EC) No. 1907/2006. Page 4 of 5

#### SECTION 11: Toxicological Information

##### 11.1. Information on toxicological effects

Acute toxicity:	Due to the composition of the mixture is not classified as toxic by the oral route (conventional method)	
Skin corrosion/irritation:	Not classified. No study has been carried out for the moment on this mixture.	
Serious eye damage/irritation:	Not classified. No study has been carried out for the moment on this mixture.	
Respiratory or skin sensitisation:	Coughing (Based on available data, the classification criteria are not met)	
Germ cell mutagenicity:	Not classified	
Carcinogenicity:	Not classified	
Reproductive toxicity:	Not classified	
Specific target organ toxicity (single exposure):	Not classified	
Specific target organ toxicity (repeated exposure):	Not classified	
Aspiration hazard:	Not classified	

By analogy on the basis of its components, the product should not be classified as harmful if swallowed.

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#### SECTION 12: Ecological Information

##### 12.1. Toxicity

Ecology - general: No study has been carried out for the moment on this mixture. Avoid discharging large quantities of product into the environment.

##### 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

The main components of the mixture are completely soluble in water.

##### 12.5. Results of PBT and vPvB assessment

No additional information available.

##### 12.6. Other adverse effects

No data / information available.

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#### SECTION 13: Disposal Considerations

##### 13.1. Waste treatment methods

Waste treatment methods:	Dispose in a safe manner in accordance with local/national regulations.
Additional information:	Disposal by incineration or reuse of the material through recycling after cleansing of product residues. Recycling or incineration by an approved company.

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#### SECTION 14: Transport Information

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



# Impact

## Vitalize 16-5-16

### Material Safety Data Sheet

Issue: 02 - Nov 2015

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

#### SECTION 15: Regulatory Information

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

No REACH Annex XVII restrictions.

Other regulations, restrictions and prohibition regulations: All the constituents of this preparation are registered in the EINECS inventory or in the ELINCS list.

Regional legislation: Ensure all national/local regulations are observed.

##### 15.2. Chemical Safety Assessment

No additional information available.

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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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ISSUE 2 11/15 GCL

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