



# Impact

## Humik NPK 5-2-1

### Material Safety Data Sheet

Issue: 01 - Sep 2017

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

**1.1 Product Identifier** Impact Humik NPK 5-2-1

**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**

Mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [EU-GHS]

Classification according 67/548/EC and 88/379/EC or 1999/45/EC

Full text of R-phrases: see section 16

**2.2. Label elements**

Product Identifier:

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [EU-GHS]

Signal Word:

None

EUH210 - Safety data sheet available on request

**2.3. Other hazards**

Causes mild skin irritation.

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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

General Advice:	First aid measures should be executed by trained personnel only.
Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.
Skin Contact:	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Eye Contact:	Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion:	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.
Protection of First-Aiders:	Low hazard for usual industrial or commercial handling.

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

Symptoms: None under normal processing.

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

Notes to Physician: None under normal processing.

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#### SECTION 5: Fire-Fighting Measures

##### 5.1. Extinguishing media

Suitable extinguishing media:	Coordinate fire extinguishing measures to fire in surrounding area. Use dry chemical, CO <sub>2</sub> , water spray or "alcohol" foam.
Unsuitable extinguishing media:	High volume water jet.

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

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

##### 5.3. Advice for fire-fighters

Coordinate fire extinguishing measures to fire in surrounding area.

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#### SECTION 6: Accidental Release Measures

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

Personal Precautions:	Ensure adequate ventilation.
For Emergency Responders:	Use personal protection recommended in Section 8.

##### 6.2. Environmental precautions

Do not allow product to enter the environment uncontrolled.

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

Methods for Containment:	Prevent further leakage or spillage if safe to do so.
Methods for Cleanup:	Take up mechanically and collect in suitable container for disposal.

##### 6.4. Reference to other sections

See sections 8, 12 and 13.



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#### SECTION 7: Handling and Storage

##### 7.1. Precautions for safe handling

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. When using, do not eat, drink or smoke.

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

Technical measures/storage conditions: Keep container tightly closed in a dry and well-ventilated place.  
Packaging Materials: Bags or Bulk.

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

Specific use(s): Fertilizer; Read and follow label instructions

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#### 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

Engineering Measures to Reduce Exposure: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment:

Eye/Face Protection: Tightly fitting safety goggles  
Hand protection: Nitrile rubber (0.26 mm). Break through time. > 8 h.  
Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment  
Skin and Body Protection: Lightweight protective clothing  
Hygiene Measures: Follow good housekeeping practices. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs.

Environmental exposure controls: Do not allow into any sewer, on the ground or into any body of water.

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#### SECTION 9: Physical and Chemical Properties

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

Physical State: Solid  
Appearance: granules  
Colour: brown  
Odour: Not significant  
pH: no data available  
Melting Point/Freezing Point: no data available  
Flammability (solid, gas): Non-flammable  
Water Solubility: Soluble in water  
Explosive Properties: Doesn't present explosion hazard. Based on data of ingredients.

##### 9.2. Other information

Bulk density: 927-1077 kg/m<sup>3</sup>



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#### SECTION 10: Stability and Reactivity

##### 10.1. Reactivity

Not reactive.

##### 10.2. Chemical stability

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

##### 10.3. Possibility of hazardous reactions

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Possibility of Hazardous Reactions: None under normal processing.

##### 10.4. Conditions to avoid

For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well.

##### 10.5. Incompatible materials

Not applicable

##### 10.6. Hazardous decomposition products

None under normal processing.

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#### 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)

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.

1% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

##### 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



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#### 12.6. Other adverse effects

Not applicable

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#### SECTION 13: Disposal Considerations

##### 13.1. Waste treatment methods

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Do not re-use empty containers. Dispose of as unused product.

Other Information: Use up product completely. Packaging material is industrial waste.

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#### SECTION 14: Transport Information

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

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#### SECTION 15: Regulatory Information

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

The product does not contain substances of very high concern (SVHC).

Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

##### 15.2. Chemical Safety Assessment

Not required. Substance(s) usage is covered according to Reach regulation 1907/2006.

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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 1 09/17 GCL

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