

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

1.1 Product Identifier Humik NPK 5-3-18

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 (EC 1272/2008): Not Classified

2.2. Label elements

Hazard statements: Not Classified

2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Not applicable

SECTION 4: First-Aid Measures

4.1. Description of first aid measures

General information: Get medical attention if any discomfort continues.
Inhalation: Get medical attention if symptoms are severe or persist.
Ingestion: Get medical attention if symptoms are severe or persist.
Skin contact: Wash skin thoroughly with soap and water or use an approved skin cleanser. Get medical attention if symptoms are severe or persist after washing.
Eye contact: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing.

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

Inhalation: Dust in high concentrations may irritate the respiratory system.
Ingestion: No harmful effects expected from quantities likely to be ingested by accident.
Skin contact: Skin irritation should not occur when used as recommended.
Eye contact: Prolonged or repeated exposure may cause severe irritation. May cause severe eye irritation.

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

Notes for the doctor: Treat symptomatically.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media: Not applicable.

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for fire-fighters

Protective actions during firefighting:

Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

Special protective equipment for firefighters:

Use protective equipment appropriate for surrounding materials. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of dust and contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

The product is slowly degradable. The product is not expected to be hazardous to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Take care as floors and other surfaces may become slippery. Avoid generation and spreading of dust. Collect spillage with a shovel and broom, or similar and reuse, if possible. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Dispose of contents/container in accordance with national regulations. Do not empty into drains. Collect and dispose of spillage as indicated in Section 13.

6.4. Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Usage precautions: Read label before use. Wear appropriate clothing to prevent repeated or prolonged skin contact. Avoid inhalation of dust and contact with skin and eyes.

Advice on general occupational hygiene:

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place. Keep container in a well-ventilated place. Keep out of the reach of children. Store away from incompatible materials (see Section 10).

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Potash (CAS: 7447-40-7)	
DNEL Workers - Dermal:	Short term systemic effects: 580 mg/kg/day
Workers - Dermal:	Long term systemic effects: 580 mg/kg/day
Workers - Inhalation:	Short term systemic effects: 292 mg/m ³
Workers - Inhalation:	Long term systemic effects: 292 mg/m ³
PNEC Industry:	Fresh water; 0,047 mg/l marine water; 0,047 mg/l

8.2. Exposure controls

Appropriate engineering controls:	All handling should only take place in well-ventilated areas.
Eye/face protection:	Wear eye protection.
Hand protection:	Wear protective gloves.
Other skin and body protection:	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures:	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Respiratory protection:	No specific recommendations.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	Granules
Colour:	Beige to Dark brown or Black.
Odour:	Mild
pH:	No information available.
Oxidising properties:	Does not meet the criteria for classification as oxidising.

9.2. Other information

No additional information available.

SECTION 10: Stability and Reactivity

10.1. Reactivity

No test data specifically related to reactivity available for this product or its ingredients.

10.2. Chemical stability

Stable when stored in a dry place.

10.3. Possibility of hazardous reactions

No potentially hazardous reactions known.

10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Water, moisture.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity - oral:	Notes (oral LD ₅₀): No specific test data are available.
Acute toxicity - dermal:	Notes (dermal LD ₅₀): No specific test data are available.
Acute toxicity - inhalation:	Notes (inhalation LC ₅₀): No specific test data are available.
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Irritation of eyes is assumed. Based on available data the classification criteria are not met.
Respiratory sensitisation:	No specific test data are available.
Skin sensitisation:	Not determined.
Germ cell mutagenicity:	Genotoxicity - in vitro: This substance has no evidence of mutagenic properties.
Carcinogenicity:	No specific test data are available.
Reproductive toxicity:	Reproductive toxicity - fertility: No specific test data are available.
Specific target organ toxicity - single exposure:	Not classified as a specific target organ toxicant after a single exposure.
Specific target organ toxicity - repeated exposure:	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard:	Not anticipated to present an aspiration hazard, based on chemical structure.
Eye contact:	The product is considered to be a low hazard under normal conditions of use. May cause eye irritation.

SECTION 12: Ecological Information

12.1. Toxicity

Contains very small quantities of substances that are hazardous to aquatic life.

12.2. Persistence and degradability

The product is slowly degradable.

12.3. Bioaccumulative potential

Not known.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not relevant.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

General information:	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods:	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. Only store in correctly labelled containers. Dispose of contents/ container in accordance with national regulations. No specific disposal method required. Do not empty into drains.

SECTION 14: Transport Information

This product does not require a classification for transport (ADR/RID,IMDG,IATA)

SECTION 15: Regulatory Information

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

EU legislation:	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
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15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

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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