



Impact

High K 0-0-50

Material Safety Data Sheet

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1. IDENTIFICATION OF PRODUCT AND COMPANY

Product and Brand Name: Impact High K 0-0-50
Supplier: Indigrow Ltd
Address: The Old Bakery, Hyde End Lane, Brimpton, Berkshire, RG7 4RH
Contact Number Tel: +44 (0) 1189 710 995 Fax: +44 (0) 1189 710 990
Emergency Number Tel: +44 (0) 7725 962 366

2. COMPOSITION – INFORMATION ON INGREDIENTS

Chemical name	EU No.	CAS No.	Conc. %	Hazard Risk
Complex mixture of inorganic constituents with one organic constituent (urea)				
Salts contained in the mixture mainly contain the following ions:				
Sulphate: SO ₄ 2- ; Ammonium: NH ₄ + ; Chloride: Cl- Phosphate: HPO ₄ 2- H ₂ PO ₄ - PO ₄ 3- ; Potassium: K+				
Some formulae may contain ions: Magnesium: Mg ²⁺ , Calcium: Ca ²⁺ , Carbonates: CO ₃ 2-				

3. HAZARD IDENTIFICATION

Non-Hazardous. Not Classified.

4. FIRST AID MEASURES

Inhalation: May cause irritation of the respiratory tract. Remove from source of exposure to fresh air; Seek medical attention if any effects are observed.

Skin & eye exposure: Rinse immediately with plenty of water. Seek medical attention if irritation persists.

Eyes: Irrigate with copious amounts of clean water for at least 10 minutes. Seek medical advice attention if irritation persists.

Ingestion: May cause irritation to the gastro-intestinal tract. Do not induce vomiting. Give water or milk. If patient feels unwell seek medical attention

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water, dry powder & carbon dioxide

Unsuitable extinguishing media: As appropriate for surrounding fire

Special hazards, combustion or by products: None known

Protective clothing for fire fighting: Suitable protective clothing and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Prevent contact with skin or eyes; use coveralls and chemical resistant gloves, with eye protection as necessary.

Environmental precautions: Do not wash excessive spillages into water courses. If this product enters water course or sewer (including via contaminated soil & vegetation) contact local agency and/or police immediately. Do not burn.

Clean & disposal methods: Sweep to avoid generating dust into labeled containers. Recover for use or contact specialist waste disposal contractor.



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7. HANDLING AND STORAGE

Practical precautions & engineering controls for safe handling:
Conditions and quantity limits for safe storage:

Open container with care to avoid dust.
Store in a cool, dry atmosphere in original, labeled containers.
Keep away from combustible materials.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Apply COSHH assessment according to standard (OES) EH 40/94.
Exposure Limits:	None established
Protective Equipment:	None required under product classification but if used:
Hands and feet:	Wear PVC or rubber gloves and boots.
Eyes and Face:	Wear face shield or goggles to BS 2092.
Respiration:	Wear type approved dust mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Grey/brown granular form
Odour:	Odourless
pH:	5 - 8 depending on specific formulation
Solubility:	Partly soluble in water

10. STABILITY AND REACTIVITY

Materials to avoid:	None known.
Conditions to avoid:	Stable under normal conditions.
Flash Point/Flammability:	Not classified as flammable
Explosive properties:	Not classified as explosive
Oxidising properties:	Not classified as oxidising by calculation & laboratory determination.
Hazardous decomposition products:	Nitrous and Sulphur Dioxide vapours may be emitted on heating.

11. TOXOLOGICAL INFORMATION

The Preparation has not been assessed at all for this end-point, so its hazardous property in this regard is not known.

12. ECOLOGICAL INFORMATION

Not classified as harmful to the environment

13. DISPOSAL CONSIDERATION

Disposal Methods:	Product requires controlled waste disposal in accordance with Control of Pollution Act 1974 and Special Waste Regulations 1980.
Packaging :	Do not re-use packaging for any other purpose. Dispose of used packaging in accordance with Special Waste Regulations 1980.

14. TRANSPORT INFORMATION

Transport :	Material is not classified as hazardous or dangerous for transport according to current international regulations.
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15. REGULATORY INFORMATION

Labeling EEC Regulations:

Material is not classified

16. OTHER INFORMATION

Validity:

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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