



**ULINK AGRITECH PRIVATE LIMITED**  
**MATERIAL SAFETY DATA SHEET: HUMIC POWER**

### 1: IDENTIFICATION

Chemical Name	Potassium humate & Fulvic acid	
Synonyms	Humic acid, potassium salt & Fulvic acid <b>Trade Name HUMIC POWER</b>	
Uses	Biostimulant	Molecular Formula C <sub>9</sub> H <sub>8</sub> K <sub>2</sub> O <sub>4</sub> + C <sub>14</sub> H <sub>12</sub> O <sub>8</sub>
Manufacturer/ Supplier	Ulink AgriTech Pvt. Ltd. Office Nos. 001 And 002, Ground Floor Wing "A" And Nos. 003 And 004 Ground Floor Wing "B", Nyati Tech Park, Wadgaon Sheri, Pune - 411014, Maharashtra	
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### 2: COMPOSITION/INFORMATION OF INGREDIENTS

**Ingredient Name:** Potassium Humate Powder

**Active Ingredient (%):** Humic Acid

**Origin of Material:** Animal or Vegetable Based

### 3: HAZARD IDENTIFICATION

Non-hazardous. This product does not require special labelling.

**Safety Precautions:** Wear suitable protective eye protection and clothing due to staining.

### 4: FIRST AID MEASURES

**General:** Have the product container, label or safety data sheet while seeking medical attention, a poison control center or physician, or going for

**Inhalation:** If fumes or combustion products breathed in, move person to fresh air. If not breathing, give artificial respiration. Immediately seek medical attention if symptoms are severe or persist.

**Ingestion:** Rinse mouth with water thoroughly and give water to drink. Never give anything by mouth to an unconscious person. Seek medical attention immediately if feeling unwell.

**Skin Contact:** In case of contact with product, wash immediately skin area with plenty of water and soap. Remove and isolate contaminated clothing and shoes.

**Eye Contact:** Rinse immediately with plenty of water for several minutes. After 5 minutes remove contact lenses if present and continue rinsing with plenty of water. Continue to rinse with eyelid wide open for at least 15-20 minutes. Seek medical attention if irritation develops.

**Note to Physician:** No specific Antidote. Treat symptomatically.

### 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Water spray, foam, fog, dry chemical or carbon dioxide

**Specific Hazard:** Nature of decomposition products not known

**Special Procedures:** Do not discharge extinguishing water into the drain or water bodies. If risk of water pollution occurs, notify appropriate authorities. Move containers away from area if it can be done without risk. If possible without risk, remove containers from fire zone, cool with water spray. Dike area to prevent water runoff.

**Protection of Fire Fighters:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

**Environmental Precaution:** Do not let product enter drains, surface water or subsoil water. Retain contaminated washing water and dispose of it

**Methods for Cleaning-up:** Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry in a container without creating dust and dispose of in accordance with local, state and federal regulations. Clean up affected area.

### 7: HANDLING & STORAGE

**Handling:** Do not smoke, drink, or eat during handling. Avoid formation of dust. Avoid inhalation of dust and direct contact with skin and eyes. Provide appropriate ventilation at places where dust is formed. Use personal protective equipment as specified in section 8. Wash hands and other exposed areas with soap and water before and after handling the product. Good personal hygiene procedures must be practiced.

**Storage:** Store in dry, cool and out of direct sunlight. Keep in original container and tightly closed when not in use. Keep away from food, drink and animal feedingstuffs. Protect from freezing.

### 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**Engineering Measures:** Avoid creating dust. Ensure adequate ventilation, especially in confined spaces. Handle in accordance with good industrial hygiene and safety practice.

**General Protection:** Avoid contact with eyes and skin. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and contaminated clothing.

**Personal Protection:** Follow all precautions and instructions on the label. In all other cases the following recommendations would apply.

**Respiratory Protection:** No respiratory protection required during normal handling.

**Skin Protection:** No special personal protection required under conditions of intended use. In the event of a bulk spill, wear appropriate protective clothing.

**Hand Protection:** Wear suitable chemical protection gloves. Check leak-tightness/impermeability prior to use. Before reuse, clean and air them well.

**Eye Protection:** Safety glasses fitted with side shields must be worn at all times during the handling and application period due to temporary staining. Do not wear contact lenses. Safety showers and eyewash should be easily available.

**Others:** Wash clothing before reusing.

## 9: PHYSICAL/CHEMICAL PROPERTIES

**Appearance:** Crystalline powder/flakes    **Melting Point [°C]:** No data available.    **Solubility in water:** min 95%    **Physical State:** Solid

**Colour:** Black

**Bulk Density [g/ml]:** 0.9

**pH Value:** 9.0 -10.0

**Odour :** Odourless

## 10: STABILITY & REACTIVITY

**Stability:** Stable under normal circumstances.    **Conditions to Avoid:** No data available.    **Material to Avoid:** Strong oxidising agents.

**Reactivity:** The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

**Hazardous Decomp. Products:** In the event of fire: see section 5    **Hazardous Reactions:** No data available

## 11: TOXICOLOGICAL INFORMATION

**Toxicology Information:** No adverse health effects are expected under normal conditions of use. Symptoms and effects that may arise if the product is mishandled and overexposure occur are listed below.

**Acute Toxicity:** No acute toxicity study is provided due to the nature of the substance. This product is not deemed to pose any toxicological hazard.

**Routes of Exposure:** Can be an irritant for the nose and respiratory system if inhaled. Can be an irritant for the mouth, nose, throat and digestive tract if ingested. Can be an irritant for the skin or the eyes.

**Ingestion:** Ingestion of significant amounts may cause nausea and discomfort.

**Ocular:** May be irritating to the ocular tissue of non-irrigated eyes. The symptoms may include redness, itching and tearing.

**Dermal:** May be irritating to the skin. The symptoms include redness, itching and swelling.

**Inhalation:** Inhalation may cause irritation of the nose, throat, and respiratory system.

## 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Plant nutritional supplement and plant vitamin; high concentrations may cause burn of plants.

**Persistence/Degradability:** No data available    **Breakdown:** Product presents minimal environmental impact.

**Bioaccumulative Potential:** Product is not expected to bioaccumulate

**Environmental:** Large quantities should not be discharged into waterways, drains, or sewers

## 13: DISPOSAL CONSIDERATION

**Waste-disposal Procedures:** Not classified as hazardous waste. Dispose of this product only according to the label or in compliance with government requirements or local regulations. Do not contaminate drains, streams, rivers or waterways with the chemical or used container.

**Contaminated Packaging:** Completely emptied packages can be recycled or reused after cleaning and appropriate disposal of the cleaning agents. Handle contaminated packages in the same way as the substance itself.

## 14: TRANSPORT INFORMATION

**General:** Non-hazardous material according to transportation regulations. No special precautions are necessary.

## 15: REGULATORY INFORMATION

**Regulatory Information:** Classified as non-hazardous. Substance is subject to any prohibition or restrictions in the country or region where it is being shipped.

**Safety:** Keep out of reach of children.

## 16: OTHER INFORMATION

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