

Material Safety Data Sheet (MSDS) – Khuba Growth Promoter

1. Identification of the Substance/Preparation and Company

- **Trade Name:** Khuba Growth Promoter (GP)
 - **Product Type:** Water-soluble plant growth-promoting formulation (bio-stimulant)
 - **Recommended Use:** Agricultural crop enhancer, foliar spray, fertigation
 - **Company Details:** Company :. KORVI FULLERS EARTH PROCESSING INDUSTRY.
 - **Address:** Khuba Complex - Khuba Plots - Gulbarga - 585 102 - Karnataka – India
 - **Phone Number :** Off : 08472-256455,256719,256492 Mail: korvigroup@gmail.com
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2. Composition / Information on Ingredients

Key Components (approximate blend, non-hazardous):

- **Seaweed extract** – natural polysaccharides, alginic acid, mannitol
- **Humic acid** – organic matter
- **Amino acids:**
 - L-alanine, L-arginine, L-aspartic acid, L-cystine, L-glutamic acid
 - L-leucine, L-lysine, L-serine, L-threonine, L-tyrosine
 - L-tryptophan, L-valine, L-histidine, L-isoleucine, L-methionine
 - L-phenylalanine, L-proline, L-glycine
- **Mineral nutrients:** phosphorus, potassium, calcium, sulfur, magnesium, copper, iron, manganese, molybdenum

Nature of Product: Biologically derived, non-toxic, water-soluble formulation.

3. Hazards Identification

- **GHS Classification:** Not classified as hazardous.
 - **Primary Hazards:**
 - Low risk of irritation if in contact with eyes or skin.
 - May cause mild gastrointestinal discomfort if ingested in large amounts.
 - **Environmental Hazards:** Biodegradable, low ecological risk.
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4. First Aid Measures

- **Inhalation:** Not expected to be hazardous; move to fresh air if irritation occurs.
- **Skin Contact:** Wash with soap and water if spilled.
- **Eye Contact:** Rinse thoroughly with clean water for at least 15 minutes.
- **Ingestion:** Rinse mouth; seek medical attention if large amounts are swallowed.

5. Firefighting Measures

- **Flammability:** Non-flammable, water-soluble.
 - **Suitable Extinguishing Media:** Water, foam, CO₂, dry powder (as appropriate to surrounding fire).
 - **Special Hazards:** None known.
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6. Accidental Release Measures

- **Personal Precautions:** Avoid contact with eyes; wear gloves for large-scale handling.
 - **Environmental Precautions:** Prevent concentrated product from entering waterways in large quantities.
 - **Cleanup:** Dilute with water and mop up.
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7. Handling and Storage

- **Handling:** Avoid direct contact with eyes. Use clean equipment for application.
 - **Storage:** Store in a cool, dry place away from direct sunlight. Keep container tightly sealed.
 - **Shelf Life:** Typically 2 years under recommended storage conditions.
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8. Exposure Controls / Personal Protection

- **Exposure Limits:** No occupational exposure limits established.
 - **Protection:**
 - Eye: Safety glasses recommended.
 - Skin: Gloves recommended for prolonged handling.
 - Respiratory: Not required under normal conditions.
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9. Physical and Chemical Properties

- **Appearance:** Powder / granules (water-soluble)
- **Color:** Brown to dark brown
- **Odor:** Slight organic odor
- **pH (1% solution):** 6.0 – 7.5
- **Solubility:** Completely soluble in water
- **Density:** ~0.8 – 1.0 g/cm³

10. Stability and Reactivity

- **Stability:** Stable under normal conditions.
- **Hazardous Reactions:** None known.
- **Decomposition Products:** None hazardous; may release organic vapors on burning.

11. Toxicological Information

- **Acute Toxicity:** Not toxic.
 - **Skin/Eye Irritation:** Mild, temporary irritation possible.
 - **Sensitization:** Not known to be sensitizing.
 - **Ingestion:** Low toxicity; large doses may cause nausea.
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12. Ecological Information

- **Biodegradability:** Readily biodegradable.
 - **Ecotoxicity:** Not harmful to aquatic or terrestrial environments in normal agricultural use.
 - **Bioaccumulation:** Not expected.
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13. Disposal Considerations

- **Product:** Dilute with water and use on crops or dispose of as per local regulations.
 - **Packaging:** Rinse thoroughly and recycle or dispose of safely.
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14. Transport Information

- **UN Number:** Not applicable
 - **Hazard Class:** Non-hazardous
 - **Packing Group:** Not applicable
 - **Transport:** Not regulated for road, sea, or air.
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15. Regulatory Information

- This product is considered safe for agricultural use.
 - Not classified as hazardous under GHS or Indian regulations.
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16. Other Information

- **Disclaimer:** The information provided is based on available data and intended for guidance in safe handling, storage, and application. It does not constitute a legal warranty.
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