



MATERIAL SAFETY DATA SHEET

Humic Acid

Product Name: Humic Acid

CAS Number: 1415-93-6 (General Humic Acid)

Appearance: Black or dark brown powder, granules or liquid

Supplier: Basekim Company

1. Hazard Identification

Humic Acid is generally **not classified as hazardous** under normal conditions of use.

Important Hazards:

- Dust may cause mild eye and respiratory irritation.
- Avoid excessive dust generation.
- Spilled material may create slipping hazards.
- Keep out of reach of children.

Signal Word: Not required

2. Composition

Component	Content
Humic Acid	Grade dependent
Fulvic Acid (optional)	Grade dependent
Moisture & Natural Minerals	Balance

3. First-Aid Measures

Inhalation: Move to fresh air. Seek medical advice if irritation persists.

Eye Contact: Flush with clean water for at least 15 minutes.

Skin Contact: Wash with soap and water.

Ingestion: Rinse mouth and drink water. Seek medical attention if discomfort occurs.



4. Firefighting Measures

The product is not highly flammable.

Suitable extinguishing media:

- Water spray
- Foam
- Dry chemical
- Carbon dioxide (CO₂)

Burning may produce carbon oxides and smoke.

5. Accidental Release

- Sweep or vacuum spilled material.
- Avoid generating dust.
- Prevent release into drains and waterways.
- Dispose according to local regulations.

6. Handling and Storage

- Store in a cool, dry, well-ventilated place.
- Protect from moisture and direct sunlight.
- Keep containers tightly closed.
- Avoid excessive dust formation.

7. Personal Protection

Eyes: Safety glasses.

Hands: Protective gloves.

Respiratory: Dust mask where ventilation is inadequate.

Body: Suitable work clothing.



8. Physical and Chemical Properties

Property	Typical Information
Appearance	Black or dark brown
Physical Form	Powder, Granules or Liquid
Odour	Slight earthy odour
Solubility	Grade dependent
pH (1% Solution)	Approximately 8.0–10.5
Flammability	Non-flammable

9. Stability and Reactivity

Stable under normal storage conditions.

Avoid strong oxidizing agents and excessive heat.

10. Toxicological Information

Low toxicity under normal handling.

Dust may cause temporary:

- Eye irritation
- Respiratory irritation
- Skin dryness

11. Environmental Information

Humic Acid is naturally occurring and biodegradable.

Avoid unnecessary discharge of large quantities into waterways.

12. Disposal

Dispose of unused product and packaging according to local environmental regulations.

13. Transport Information

Not classified as dangerous goods for road, sea or air transport.



14. Important Notice

This MSDS is a general guide for Humic Acid products. Product specifications may vary depending on powder, granular or liquid grade.