



# MATERIAL SAFETY DATA SHEET

BLACK SEAWEED EXTRACT

## 1. PRODUCT IDENTIFICATION

**Company:** HUNAN HUMICOBIO TECHNOLOGYCO.,LTD.  
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**Product Name:** Email: Info@tophumate.com  
**Chemical Name:** BLACK SEAWEED EXTRACT

## 2. INGREDIENTS

**Material or Component:** obtained from cold water seaweed

**Composition:**

|                        |            |
|------------------------|------------|
| <b>Organic Matter:</b> | <b>50%</b> |
| <b>Alginic Acid:</b>   | <b>18%</b> |
| <b>Potassium(K2O):</b> | <b>18%</b> |
| <b>Moisture:</b>       | <b>5%</b>  |

## 3. PHYSICAL DATA

**Form:** Powder / Flake  
**Color:** Dark Brown  
**Odor:** Seaweed Odor  
**Viscosity:** N/A  
**Solubility in Water:** Complete  
**Vapor Pressure:** N/A  
**Specific Gravity:** 0.45 – 0.55

## 4. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** N/A  
**Chronic Effects:** N/A

## 5. FIRST AID MEASURES

**Inhalation:** N/A  
**Skin Contact:** Wash with water. Seek medical advice if irritation persists.  
**Eye Contact:** Flush with water for 15 minutes. Seek medical advice if irritation persists.  
**Ingestion:** Do not induce vomiting; give small amounts of water or milk.

## 6. FIRE FLIGHTING MEASURES

**Flash Point:** N/A  
**Flammable Limits :** N/A

## 7. ACCIDENT RELEASE MEASURES

None

## 8. HANDLING AND storage

**Storage Stability:** When stored under normal storage conditions in original unopened containers, no change of its physical, chemical and biological properties will occur for min. two years.

## 9. HEALTH HAZARD INFORMATION

**Inhalation:** Dust can caused lung irritation, slight odor, protect with surgical mask.  
**Skin Contact:** None known.  
**Eye Contact:** Dust can caused eye irritation.  
**Ingestion:** None in reasonable amount.

## 10. STABILITY & REACTIVITY DATA

**Stability:** Stable under light.  
**pH Range at Which Stable:** 8 – 11 at 25 degree Celsius.  
**Reaction:** No reaction in normal pH, temperature and moisture Condition.

## 11. TOXICOLOGICAL INFORMATION

**Swallowed:** No information available on symptoms from swallowing this product.  
**Eye:** May cause eye irritation.  
**Skin:** May cause skin irritation.  
**Inhaled:** Product may be irritating to the mucous membranes.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available.  
**Persistence and Degradability:** No information available on persistence/degradability.

|                                       |  |
|---------------------------------------|--|
| <b>Mobility Spontaneous:</b>          | Coupling by biochemical reaction in soil.                  |
| <b>Environmental Fate (Exposure):</b> | Do not allow product to enter drains, waterways or sewers. |
| <b>Bioaccumulative Potential:</b>     | No information available on bioaccumulation.               |

### 13. DISPOSAL PROCEDURES

**Disposal:** Dispose of in accordance with all local, state and federal regulations.

### 14. TRANSPORT INFORMATION

**Proper Shipping Name:** BLACK SEAWEED EXTRACT

**Packing:** In 20kgs net craft paper bags with liner inside.

### 15. REGULATORY INFORMATION

**None**

### 16. OTHER INFORMATION

The information presented herein is based on available data from reliable sources and is correct to the best of HUNAN HUMICO BIOTECHNOLOGY CO.,LTD. knowledge. Indications only describe product safety requirements and they are based on our actual knowledge. They represent no guarantee regarding the product's characteristics in

the sense of legal warranty liability. Specifications are available in the individual technical data sheet of the various products.

Safety technical data sheet prepared by: product safety department.