

**HUMISOL**

NUTRIENT TECHNOLOGIES, L.L.C.  
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REVISED DATE: 12-01-09

**1. INGREDIENTS:**

**GUARANTEED ANALYSIS**

PERCENTAGE BY WEIGHT

Humic Acid..... 50.00 %

Derived from Leonardite (lignite coal)

**2. PHYSICAL AND CHEMICAL DATA:**

BOILING POINT: N/A  
FREEZING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY: N/A  
SOLUBILITY IN WATER: Suspensible /Insoluble  
COMPACTED DENSITY: 1-1.10  
APPEARANCE: Dark granules  
ODOR: Light soil odor

**3. FIRE AND EXPLOSION HAZARD DATA:**

FLASH POINT: N/A  
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water, and foam.

**4. REACTIVITY DATA:**

STABILITY: Stable when stored above 32 ° (F) (0° C).  
INCOMPATIBILITY: Strong oxidants.  
HAZARDOUS DECOMPOSITION: Not Known.  
HAZARDOUS POLYMERIZATION: Will not occur.

**5. ENVIRONMENTAL AND DISPOSAL INFORMATION:  
ACTION TO TAKE FOR SPILLS/LEAKS:**

**PRODUCT DISPOSAL:** Excess product that cannot be used according to label instructions must be disposed of according to applicable federal, state or local procedures.

**CONTAINER DISPOSAL:** PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.  
**PLASTIC BAGS:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### 6. HEALTH HAZARD DATA:

##### ACUTE INTOXICATION

**EYE:** This product can cause irritation.

**SKIN CONTACT:** May cause skin irritation. May cause allergic skin reaction in some individuals.

**INGESTION:** May cause nausea, vomiting, diarrhea, gastric distress, and somnolence.

**SUB CHRONIC INTOXICATION:** No available data.

#### 7. FIRST AID:

**EYES:** Wash eyes immediately with fresh water for at least 15 minutes. If irritation persists, see a doctor.

**SKIN:** Wash skin thoroughly with soap and water. If irritation persists, see a doctor.

**INGESTION:** Give to the patient lots of water or milk to drink, and induce vomiting. Repeat until vomit has no traces of a black or dark brown color.

**INHALATION:** If respiratory irritation or any signs or symptoms occur, move the person to fresh air. Remove subjects from affected area and seek medical help if there is difficulty breathing. If breathing has stopped, give mouth-to-mouth resuscitation. If any of these effects continue, see a doctor.

#### 8. ADDITIONAL INFORMATION:

Practice reasonable care and caution. Avoid breathing mist if generated. Read and understand the product label before using this product. Avoid contact with eyes and skin. Do not ingest this product.

Do not eat or smoke while using this product.  
Keep out of the reach of children and animals.  
Wash with plenty of soap and water after using this product.

#### 9. INFORMATION ON SPECIAL PROTECTION:

**RESPIRATORY PROTECTION:** Use a safety mask to avoid dust inhalation.

**EYE PROTECTION:** Use safety goggles or safety eyewear.

**PROTECTION EQUIPMENT:** Use safety goggles, gloves, overalls, and rubber boots when applying this material.

**SPECIAL PRECAUTIONS:** Do not store this product in metallic containers, except for stainless steel containers. Do not store containers without a label or not properly labeled containers. Maintain containers closed when not in use.

#### 10. GENERAL FIRE-FIGHTING PROCEDURES:

Use normal fire-fighting techniques using water, fire retardant powders, foam, carbon dioxide, etc. as fire suffocating agents.

#### FIRE DEPARTMENT PREPLANNING:

##### A. PROVIDE FOR THE PROTECTION OF EMPLOYEES AND LOCAL RESIDENTS:

1. Evacuate residents who are downwind of fire.
2. Prevent unauthorized entry to fire area.
3. Have medical check up on employees exposed to fumes.

##### B. NOTIFY LOCAL FIRE AUTHORITIES THAT FIREMEN SHOULD:

1. Wear protective clothing over entire body including rubber boots, gloves, hat, and coat to avoid contact with toxic fumes or smoke. Self contained breathing equipment (air packs) is essential for those exposed to fumes or smoke.
2. Be immediately relieved from duty and checked for possible poisoning if exposed to fumes or smoke without adequate protection.
3. Wash thoroughly and immediately with large volumes of soap and water if exposed. A physician should examine any personal heavily exposed.
4. Be alert for symptoms of exposure during fire. Symptoms may include headaches, giddiness, blurred vision, coughing, and tightness of chest, salivation, and twitching or pinpoint eye pupils.
5. Avoid smoking, drinking, and eating while fire fighting so as not to ingest toxic substances.
6. Monitor any water runoff. Dike surrounding area.

**11. TRANSPORT INFORMATION:**

<b>US DOT Hazard Code:</b>	<b>Not regulated</b>
<b>PLACARD:</b>	<b>N/A</b>
<b>UN CLASS:</b>	<b>N/A</b>
<b>UN NUMBER:</b>	<b>N/A</b>
<b>TASCA NUMBER:</b>	<b>N/A</b>
<b>PACKING GROUP:</b>	<b>N/A</b>
<b>LABEL:</b>	<b>N/A</b>

**NOTICE:**

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