

# MATERIAL SAFETY DATA SHEET



4800 Strawberry Lane  
Louisville, Kentucky 40209

PHONE: (502) 364-6051  
FAX: (502) 368-9971  
EMERGENCY PHONE: (502) 364-6051  
CHEMTREC: (800) 424-9300

**MATERIAL NAME: ActivHume-S**

## SECTION I: INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS INGREDIENTS: Sulfur  
CHEMICAL FAMILY: Natural Organic Mineral Compounds + sulfur  
HMIS HAZARD CODES: Health (0) Flammability (0) Reactivity (0)  
NFPA HAZARD CODES: Health (0) Flammability (0) Reactivity (0) Special Hazard: N/A  
HAZARD RATING SCALE: 4 = Severe, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal  
OSHA PEL: None  
ACGIH TLV: N/A  
OTHER LIMITS: None

## SECTION II: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (°F): 832F (444C)	Specific Gravity: 75-115 lbs./ft <sup>3</sup>
VAPOR PRESSURE: N/A	Melting Point (°F): N/A
VAPOR DENSITY (AIR = 1): N/A	Evaporation Rate: N/A
SOLUBILITY IN WATER: 25%	HMIS: Health-0
APPEARANCE & ODOR: Dark brown granules	Fire-0
No odor	Reactivity-0

pH RANGE: 8-10.5

## SECTION III: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 832F (444C)  
FLAMMABLE LIMITS: LEL: 709/m<sup>3</sup> UEL: 2800 g/m<sup>3</sup>  
EXTINGUISHING MEDIA: Water fog, spray, or regular foam; do not use a direct water stream  
AUTO-IGNITION TEMPERATURE: Unknown  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus and protective equipment.  
UNUSUAL FIRE & EXPLOSION HAZARDS: None

## SECTION IV: REACTIVITY DATA

STABILITY (UNSTABLE/STABLE) under normal conditions: Stable  X  Unstable \_\_\_\_\_  
CONDITIONS TO AVOID: Humidity/Moisture. Keep from heat sources, sparks, and open flames.  
INCOMPATIBILITY: Oxidizing agents, may react violently.  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Burning results in toxic sulfur dioxide and hydrogen sulfide.

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HAZARDOUS POLYMERIZATION: Will Not Occur  May Occur \_\_\_\_\_

## SECTION V: HEALTH HAZARD DATA

### Routes of Entry

Inhalation: May cause sickness after inhalation in large quantities.  
Skin: Prolonged contact may cause slight irritation.  
Ingestion: N/A  
Health Hazards: None Known

Carcinogenicity: Unknown  
NTP: N/A  
IARC Monographs: N/A  
OSHA Regulated: N/A  
Signs & Symptoms of Exposure: Eyes: This material may cause eye irritation

Skin: Slight redness on hands and forearms if individual has a history of dermal allergic reactions. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact

Medical Conditions Generally Aggravated by Exposure: May cause irritation if in contact with open wounds. Emphysema, allergies or upper-respiratory illnesses.  
Emergency & First Aid Procedures: Eyes: Immediately flush with water for 15 minutes. Contact Physician  
  
Skin: Remove contaminated clothing and footwear. Wash with soap and water.

## SECTION VI: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case:  
Material is released: Collect released material by shovel, brush, broom and dustpan.  
Waste and Disposal Method: Dispose of in accordance with federal, state, and local regulations.  
Precautions to be taken in:  
Handling and Storing: Minimize exposure in accordance with good hygiene practice. To maintain shelf life; avoid prolonged humidity.

Other Precautions: Keep out of reach of children

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**ORGANOCAT**<sup>™</sup> LLC  
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## SECTION VIII CONTROL MEASURES

Respiratory Protection:	Dust mask recommended for use. Avoid creating airborne dust in poorly ventilated areas.
Ventilation	
Local Exhaust:	Normal
Mechanical:	Regular
Special:	None
Other:	None
Protective Gloves:	Rubber gloves not necessary but recommended.
Eye Protection:	Particulate hazard - Safety glasses recommended.
Other Protective Clothing or Equip:	As determined.
Work/Hygienic Practices:	Normal to minimize dust.

N/A = Not applicable

N/D = Not determined

Prepared By (Optional): \_\_\_\_\_

Issue Date: 11/01/2012

Supersedes: \_\_\_\_\_

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