

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION

TRADE NAME: MICROBE-LIFT/BARLEY STRAW CONCENTRATED EXTRACT PLUS PEAT

CHEMICAL FAMILY: Cereal Straw/Organic Dark Peat
CHEMICAL FORMULA: Barley Straw and Peat
CAS NUMBER: N/A

II. PHYSICAL DATA

BOILING POINT (F): N/A
FREEZING POINT (F): N/A
pH: Neutral
VAPOR PRESSURE (mm hg): N/A
SPECIFIC GRAVITY (WATER): < 1
WATER SOLUBILITY: Very low
APPEARANCE/ODOR: Brown pellet/earth odor

III. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS: None
DRY MATERIAL: 92%
WATER: 8%
NFPA/HMIS: Health 0 Reactivity 0 Fire 1 Specific Hazard 0

IV. FIRE AND EXPLOSION HAZARDS

FLASH POINT: > 500 degrees F (open cup method)
LOWER FLAME LIMIT: N/A
HIGHER FLAME LIMIT: N/A
EXTINGUISHING MEDIA: Water fog or spray, foam, dry powder, carbon dioxide CO2
UNUSUAL FIRE HAZARD: None known

V. REACTIVITY DATA

CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: None known
INCOMPATIBLE MATERIALS: Oxidizers or oxidizer materials
Avoid prolonged exposure to highly concentrated acids or bases
DECOMPOSITION PRODUCTS: From fire, smoke, carbon dioxide and carbon monoxide
POLYMERIZATION AVOID: None
HAZARDOUS POLYMERIZATION: Will not occur

VI. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None established for this product
ROUTES OF ENTRY:
INHALATION: Irritant
SKIN: Not likely
INGESTION: Irritant
HEALTH HAZARDS: Irritating to eyes
CARCINOGENICITY NTP: No
IRAC MONOGRAPHS: No
OSHA REGULATED: No
OVER EXPOSURE EFFECTS: Eye irritation with contact. No other known overexposure effects
FIRST AID PROCEDURES: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; get medical attention if irritation persists; for skin, rinse with water. If affected by inhalation of dust particles, remove to fresh air. Give oxygen or artificial respiration as needed. If swallowed, do not induce vomiting, drink several glasses of milk or water, and get medical attention.

VII. ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURE WASTE DISPOSAL METHOD

In case of spillage, sweep up and place in suitable container
Follow state regulations

VIII. SPECIAL PROTECTION

RESPIRATORY PROTECTION:

Not normally needed for this product. Use NIOSH approved dust mask if needed

VENTILATION:

Local exhaust

MECHANICAL EXHAUST:

Use if needed

LOCAL EXHAUST:

Recommended

PROTECTIVE GLOVES:

Not normally needed. Use to protect pre-existing skin conditions

EYE PROTECTION:

Use safety glasses or face shield if needed

OTHER PROTECTIVE EQUIPMENT:

HMIS Personal protection; safety glasses

IX. SPECIAL HANDLING

HANDLING AND STORAGE:

Store away from oxidizers or materials bearing a yellow "DOT" label

PRECAUTIONARY MEASURES:

Provide fresh air ventilation during handling of this product, wash hands

before eating, drinking or smoking. If needed, take first aid action shown in Section V (Health Hazard Data)

HAZARD CLASS:

Non-regulated

DOT SHIPPING NAME:

DOT non-regulated

REPORTABLE QUANTITY (RQ):

None

UN NUMBER:

None

NA #:

None

X. SUPPLEMENTAL INFORMATION

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