

Material Safety Data Sheet

E M E R G E N C Y

FOR CHEMICAL EMERGENCY: SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL
CHEMTREC - DAY or NIGHT - (800) 424-9300

Product Name: **Cygnnet Bioblend II**

SECTION I - GENERAL INFORMATION

Manufacturer's For: CYGNET ENTERPRISES, INC.
1860 Bagwell St.
Flint, MI 48503-4406
(810) 744-0540

Trade Name & Synonyms: **Cygnnet Bioblend II**
Chemical Name & Synonyms: MICROBIAL BLEND
Generic Description: A CONCENTRATED, DRY MATERIAL ON A WHEAT BRAN BASE
Formula: PROPRIETARY
D.O.T. Proper Shipping Name: NON HAZARDOUS
D.O.T. Hazard Class: NOT REGULATED
U.N. or N.A. Identification #: NOT HAZARDOUS
D.O.T. Emergency Response Guide No.: NOT ASSIGNED
Hazardous Mat'ls ID System Values (HMIS): Health - 1 Flammability - 1 Reactivity - 0 Personal Protection - B
Nat'l Fire Protection Assn. (NFPA 704M): Health - 0 Flammability - 0 Reactivity - 0 Specific Hazard:

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Component(s)	CAS#	PEL	TLV
Viabale Bacterial Cultures (on wheat bran base)	NA 116469-86-4	NOT ESTABLISHED NOT ESTABLISHED	NOT ESTABLISHED NOT ESTABLISHED

Ingredients listed in this section have been determined to be hazardous as defined in 29 CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available as provided in 29 CFR 1910.1200 (i) (1).

SECTION III - PHYSICAL DATA

Boiling Point (F): NOT APPLICABLE PH: 6.5-8.5
Vapor Pressure (mm Hg): UNKNOWN BULK DENSITY : 0.66-0.77 GM/CM³
Vapor Density (air = 1): NOT VOLATILE % Volatile (by Volume): NOT VOLATILE
Melting Point (F): UNKNOWN Evaporation Rate:(Water = 1) NOT VOLATILE
Solubility in Water: MODERATE (contains viable bacteria)
Appearance & Odor: FREE-FLOWING TAN COLORED POWDER WITH YEAST-LIKE ODOR

SECTION IV - FIRE & EXPLOSION DATA

Flash Point (F): NOT FLAMMABLE Method:
Extinguishing Media: IN EVENT OF EXPOSURE TO FLAMES, DOUSE WITH WATER
THOROUGHLY.
Special Fire Fighting Procedures: STANDARD EXTINGUISHING PROCEDURES WHERE APPLICABLE.
Unusual Fire & Explosion Hazards: NONE

SECTION V - REACTIVITY DATA

Stability - Unstable X Stable
Conditions to Avoid: STORAGE ABOVE 120°F (49°C) TO PREVENT PRODUCT
DECOMPOSITION.
Incompatibility (Materials to Avoid): STRONG ACIDS OR ALKALI COMPOUNDS.
Hazardous Decomposition Products: NONE
Hazardous Polymerization: Will Occur X Will Not Occur
Conditions to Avoid: TEMPERATURES ABOVE 120°F (49°C) AND HIGH HUMIDITY.

SECTION VI - HEALTH HAZARD DATA

Acute Health Hazards: NOT ESTABLISHED
Chronic Health Hazards: NOT ESTABLISHED
Signs & Symptoms of Exposure: DIARRHEA, EYE, SKIN, TISSUE IRRITATION.
Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Chemical Listed as Carcinogen or Potential Carcinogen by:
National Toxicology Program: Yes: No: **X**
I.A.R.C. Monographs: Yes: No: **X**
O.S.H.A. Yes: No: **X**

Emergency & First Aid Procedures: FOR PRINCIPLE ROUTE OF ENTRY, SEE APPROPRIATE EMERGENCY PROCEDURES BELOW.
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Route of Entry: Inhalation: REMOVE TO FRESH AIR.
Eyes: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.
GET MEDICAL ATTENTION IF IRRITATION OCCURS.
Skin: FLUSH WITH SOAP AND WATER FOR 15 MINUTES. IF CLOTHING IS PENETRATED, IMMEDIATELY REMOVE CLOTHING AND FLUSH WITH WATER. WASH CLOTHES BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION OCCURS.
Ingestion: IF INGESTED, INDUCE VOMITING. CALL A PHYSICIAN.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
SWEEP UP AND COLLECT FOR REUSE. WEAR APPROVED RESPIRATOR FOR NUISCANCE DUST DURING CLEANUP.

Waste Disposal Methods: DISPOSAL OF THIS PRODUCT OR ITS RESIDUES MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION AND CONTROL MEASURES

Respiratory Protection (Specify Type): DUST MASK
Ventilation - Local Exhaust: USE VENTILATION ADEQUATE TO KEEP HAZARDOUS INGREDIENTS BELOW THEIR TLV, OR IF NEEDED, USE MSHA-NIOSH APPROVED RESPIRATOR FOR NUISCANCE DUST.
Mechanical Exhaust: LOCAL EXHAUST Special Exhaust: NOT REQUIRED
Other Exhaust:
Protective Equipment - Gloves: RUBBER Eye Protection: PREFERABLE
Other Protective Equipment: CLOTHING TO REDUCE AREA EXPOSED TO CONTACT.
Work or Hygienic Practices: USE SAFE CHEMICAL HANDLING PROCEDURES SUITABLE FOR THE HAZARDS PRESENTED BY THIS MATERIAL.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage:
STORE UNDER 120°F (49°C) IN COOL, DRY PLACE IN CLOSED CONTAINER.
AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATH DUST.
PREVENT CONTAMINATION WITH FOOD.

Other Precautions: **KEEP OUT OF THE REACH OF CHILDREN.**

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

JK
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