

MATERIAL SAFETY DATA SHEET
Amalgam Engineering

D – 12 SAMARTHANAGAR S.NO.56/3, WADGAON BK, SINHAGAD ROAD, PUNE – 411041

**SECTION 1
 TRADE NAME & PRODUCT IDENTIFICATION**

Product Name	US Dot Classification	Description
Bacta Cult	Non-hazardous	A proprietary blend of naturally occurring, nonpathogenic, nongenetically altered beneficial soil microorganisms on inert dry media.

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**SECTION 2
 COMPOSITION**

Composition /Information on Ingredients: A proprietary blend of naturally occurring, nonpathogenic, non-genetically altered beneficial soil microorganisms on inert dry media.

CAS-No :

**SECTION 3
 POSSIBLE HAZARDOUS COMPONENTS**

None of the ingredients in this material meet the definitions of "Hazardous Chemical " 29, CFR 1910.1200

**SECTION 4
 PHYSICAL DATA**

Boiling Point:	N/A
Melting Point:	N/A
Vapour pressure (mmHg at 20°C):	N/A
Flash Point:	Not Flammable
Soluble in water:	Forms suspension in water
Specific Gravity:	Approximately 0.8 – 1.0 gm/cm ³

- BACTA CULT - BIO CULTURE
- MICRO & MACRO NUTRIENTS
- PLANT COMMISSIONING

- MICRO PLASMA OZONATOR - MADE IN USA
- ETP / STP TROUBLE SHOOTING
- WATER / WASTEWATER TRAININGS

Appearance and odour:

Free flowing off-white to light brown powder, yeast-like odour

SECTION 5 FIRE AND EXPLOSION DATA

Extinguishing media:	Use appropriate media for underlying cause. Product not flammable
Special firefighting procedures:	Wear self-contained breathing apparatus
Unusual fire and explosion hazards:	None

SECTION 6 STABILITY & REACTIVITY DATA

Stability	Stable under normal conditions, must be kept dry
Incompatibility:	Strong acids or alkaline, solvents and oxidizing agents.
Hazardous decomposition product:	None
Hazardous polymerization:	None

SECTION 7 HEALTH HAZARDS & FIRST AID MEASURES

INGESTION: No known hazards
 EYE CONTACT: Mild/Moderate irritant avoid contact
 SKIN CONTACT: Slight redness on hands and forearms if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin.
 SKIN ABSORPTION: Systemically toxic concentrations will probably not be absorbed through the skin in man.
 INHALATION: No known hazards under normal conditions. Avoid breathing excessive dust this may cause irritation to respiratory tract
 DERMAL CONTACT: No known hazards.
 EXPOSURE LIMITS: No OSHA TLV

Section 8 TOXICOLOGY INFORMATION

TOXICITY:

No components of this product are listed as carcinogenic by NTP, LARC or OSHA

- BACTA CULT - BIO CULTURE
- MICRO & MACRO NUTRIENTS
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- MICRO PLASMA OZONATOR - MADE IN USA
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- WATER / WASTEWATER TRAININGS

LD50/Oral/rat : mg/kg : Exact data not known
 LC50/inhal./rat : mg/l/hr : Exact data not known

SECTION 9 ECOLOGICAL INFORMATION

Ecological Information : It is a non-hazardous product
 Elimination Information :
 Test Method :
 Method of Analysis :
 Degree of Elimination :
 Evaluation :
 Behaviour and environmental fate:
 Ecotoxic effects:

SECTION 10 SPILLAGE OR LEAKAGE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
 Sweep up and discard according to protocol below.
 WASTE DISPOSAL METHOD: In accordance with Federal, State and Local protocol.
 OTHER: None.

SECTION 11 PERSONAL PROTECTION

EYES: Under normal conditions not required if potential for drift exists wear goggles.
 VENTILATION: Under normal conditions not required. If needed, use MSHANOISH approved respirator for nuisance dust.
 HAND PROTECTION: Use gloves for hand protection
 CLOTHING: Wear pants, shirts, shoes and socks.
 OTHER: None.

SECTION 12 STORAGE AND HANDLING

Store in original container/ packet tightly closed. Avoid excessive heat and direct sunlight. Store in a cool, dry place. Always follow label directions.

SECTION 13 DISPOSAL

Disposal considerations : None
 Product :

SECTION 14 TRANSPORT INFORMATION

US DOT, IATA, IMO, ADR: U.S. Department of Transportation (Dot) Shipping Regulations: This Product Is Classified (Per 49 Cfr 172.101) By the U.S. Department of Transportation, As Follows.
 Proper Shipping Name: Non-Regulated Material
 Hazard Class Number and Description: None
 Un Identification Number: None
 Packing Group: None
 Dot Label(S) Required: None
 North American Emergency Response Guidebook Number: None
 Rq Quantity: None
 Marine Pollutant: None of The Components of This Product Are Designated by The Department of Transportation to Be Marine Pollutants (49 Cfr 172.101, Appendix B).
 Special Precautions for User: None
 International Transportation: International Air Transport Association Shipping Information (Iata): This Product Is Not Considered as Dangerous Goods. International Maritime Organization Shipping Information (Imo): This Product Is Not Considered as Dangerous Goods.

SECTION 15 REGULATORY INFORMATION

No known hazardous components.
 Labeling according to EEC/USEPA Directives
 National legislation / regulations

SECTION 16 OTHER COMMENTS

To the best of our knowledge this information is true and accurate since the information contained herein may be applied under conditions beyond our control we do not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving this product shall make his / her own determination of the suitability of the material for their particular purpose. This information is proved in good faith but without expressed or implied warranty it is the responsibility of the customer to take appropriate precautions.