



MATERIAL SAFETY DATA SHEET

In compliance with EC Directive 2001/58/EC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product Name: BIOACTIVE POWDER

Product Code #: 555555 (4 kgrs)

Product Uses: Industrial Applications; Sewage Treatment.

Date last modified: 28 November 2011

Company:

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Emergency Information:

Inside U.S. and Canada: (800)-424-9300 (CHEMTREC)

Outside U.S. and Canada: 1-703-527-3887 (CHEMTREC)

National Emergency Centre (Greece): ++30 210 7793777

2. HAZARDS IDENTIFICATION

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Amylase and protease enzyme and sporal preparation for application of organic waste treatment industry. Inappropriate handling may cause formation of aerosols or dust. Inhalation of enzyme aerosols or dust may induce sensitization and may cause allergic type reactions in sensitized individuals. Prolonged skin contact may cause minor irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Nature:

Mixture of various enzymes along with spores and vegetable cells containing powerful surfactants and bacterial strains.

Ingredients	CAS Number	Proportion	Classification
Components that do not contribute to the classification of the product	-	100%	-

Occupational Exposure Limits, if available, are listed in section 8.

4. FIRST AID MEASURES

INHALATION

Remove from exposure. If irritation or allergic response occur medical advice is required.

SKIN

Wash exposed area with plenty of water. Get medical advice if irritation develops.

EYES

Rinse with plenty of water. Get medical advice if irritation occurs.

INGESTION

Rinse mouth and throat thoroughly with water.

5. FIRE-FIGHTING MEASURES

EXTINGUISH MEDIA

Use water, foam and dry powder.

FIRE FIGHTING PROCEDURES

Fire fighters should wear self contained breathing apparatus and full protective clothing. Keep unnecessary people away, isolate hazard area and deny entry.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Try not to inhale the dust of the product.

ENVIRONMENTAL PRECAUTIONS

Avoid contamination of ground. All spills or leaks of this material must be handled and disposed.

METHODS FOR CLEANING UP

Take up with absorbent material and flush remaining with plenty of water.

7. HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

When handling observe the usual precautionary measures for chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder
Color:	Tan to Brown
Odor:	Odorless
Boiling Point:	No Information Found
Freezing Point:	No Information Found
pH:	-
Flash Point:	Not applicable
Autoignition Temperature:	No Information Found
Lower Explosion Limit (vol %):	No Information Found
Upper Explosion Limit (vol %):	No Information Found
Vapour Pressure:	None
Solubility:	Soluble in Water

10. STABILITY AND REACTIVITY

STABILITY

Stable under ordinary conditions of use and storage.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA

No toxicological data found for the product.

HEALTH EFFECTS

Inhalation of enzyme aerosols or dust may induce sensitization and may cause allergic type reactions in sensitized individuals. Prolonged skin contact may cause minor irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL DATA

The product is not dangerous to the environment with respect to mobility, persistency and degradability, bioaccumulative potential, aquatic toxicity and other data relating to ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

No special transport information required according to ADR/RID, DOT, IMDG, US DOT and ICAO/IATA codes.

15. REGULATORY INFORMATION

LABELING ACCORDING TO EC DIRECTIVES

No special labeling information is required; the product is not dangerous according to EC directive 99/45/EC.

16. OTHER INFORMATION

Notice to reader

All information, instructions and statements contained in this Material Safety Data Sheet are compiled in accordance with European Directives, corresponding national legislation and on the basis of information given by our suppliers.

The information disclosed in this Material Safety Data Sheet (which supersedes all previous versions) is believed to be correct, at the date of issue, to the best of our current knowledge and experience. It only relates to the specific product designated herein and it may not be valid when said product is used in combination with any other products or in any processed form, unless specified in the text. This document aims to provide the necessary health and safety information of the product and is not to be considered a warranty or quality specification. It is the responsibility of the recipient of this Material Safety Data Sheet to ensure that information given here is read and understood by all who use, handle, dispose of or in any way come in contact with the product.

Also, it is the responsibility of the user to comply with local legislation relating to safety, health, environment and waste management. Data and information provided concerning the product are informative, exclusively presented to the customer.