

# SAFETY DATA SHEET

According to 453/2010 EC Annex I, which replaces 1907/2006 Annex II

## Enviro Tablets Bio-remediation Tablets

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### Section 1. IDENTIFICATION OF THE SUBSTANCE /MIXTURE AND THE COMPANY/ UNDERTAKING

**1.1. Product identifier** Enviro Tablets Bio-Remediation (Various) Tablets

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Aerobic biological water treatment for use in commercial, industrial, institutional and domestic water systems to remove fats/oils/greases, remove bad odours and improve water quality.

**1.3. Details of the supplier of the safety data sheet**

Supplied/Manufactured by: Enviro Tablets Ltd  
Stoke House, Church Road  
Ashford, Kent. TN23 1RD UK  
+441273 782354  
info@enviro-tablets.com

**1.4. Emergency telephone number**

**Telephone** Supplier/Manufacturer +441273 782354

### Section 2. HAZARDS IDENTIFICATION

**2.1. Classification of the substance or mixture**

Classification according to 1272/2008/EC

None

**2.2. Label elements**

Labelling according to 1272/2008/EC

**Hazard Pictograms**

None

**Signal word:** None

**Hazard statements**

Persons with known severe respiratory disorders should avoid inhalation of the powder.

**Precautionary Statements - (for prolonged exposure)**

Keep out of reach of children. P102

Read label before use. P103

Protect from moisture. P232

Keep container tightly closed. P233

Wear protective gloves. P280

IF ON SKIN: Wash with plenty of water/... P302 + P352

If skin irritation occurs: P332 + P352 + P313

IF SWALLOWED: P301 + P330

Store in a dry place. Store in a closed container. P402 + P404

**2.3. Other hazards** None identified

## Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable, product is a mixture

### 3.2. Mixtures Hazardous components declared according to Regulation (EC) No 1272/2008

None

## Section 5. FIRST AID MEASURES

### 4.1. Description of first aid measures

**Eye Contact** - Rinse immediately with plenty of water for at least 5 minutes holding the eyelids open

**Skin Contact** - Wash off with soap and water.

**Inhalation** - None

**Ingestion** - Rinse mouth thoroughly.

Seek medical attention if any symptoms persist.

### 4.2. Most important symptoms and effects, both acute and delayed

None

### 4.3. Indication of any immediate medical attention and special treatment needed

No special treatment required

## Section 5. FIRE FIGHTING MEASURES

**5.1. Extinguishing media** Any

### 5.2. Special hazards arising from the substance or mixture

None Known.

**5.3. Advice for fire-fighters** Wear full protective clothing and suitable respiratory equipment when necessary

## Section 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing such as overalls, gloves and face mask.

### 6.2. Environmental precautions

The cleaning agents and carriers are naturally occurring and do not pose an environmental risk.

### 6.3. Methods and material for containment and cleaning up

If dry, vacuum or dry sweep spilled material and place in closed plastic bags for disposal. If wet, place wet material in a drum or bucket lined with a plastic bag. The bag should not be tightly closed. Allow the bag to aerate for 24 hours before disposal. Disposal bag should be pin holed near the top to avoid bursting if carbon dioxide or oxygen gas is evolved. Wash spill site with water. If microbial contamination is an issue use chlorine to kill any spores.

**6.4. Reference to other sections** See sections 8 and 13 for additional information

## Section 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Good general ventilation. Recommended procedures & equipment: avoid creating dust. Adopt best Manual Handling considerations when handling, carrying and dispensing.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in a dry area. Keep containers tightly closed. Store in correctly labelled original containers. Keep away from children.

**7.3. Specific end use(s)** No exposure scenario currently available

## Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1. Control parameters** - No exposure limits applicable to components in this product

### 8.2. Exposure controls

**Engineering measures** - No special requirements

**Respiratory protection** - Recommended but not required

**Hand protection** - Wear chemical resistance gloves (PVC, nitrile, neoprene or butyl)

**Eye protection** - Wear approved safety glasses or goggles

**Protective equipment** - Wear appropriate protective clothing such as overalls. Always wash thoroughly after handling chemicals.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	White/tan coloured tablet
<b>Odour</b>	Slight
<b>Odour threshold</b>	Not determined
<b>pH</b>	7-8
<b>Melting point/freezing point</b>	N/A
<b>Initial boiling point and boiling range</b>	N/A
<b>Flash point</b>	N/A
<b>Evaporation rate</b>	N/A
<b>Flammability (solid, gas)</b>	N/A
<b>Upper/lower flammability or explosive limits</b>	N/A
<b>Vapour pressure</b>	N/A
<b>Vapour density</b>	N/A
<b>Relative density</b>	1.0
<b>Solubilities</b>	Completely soluble in water
<b>Partition coefficient n-octanol/water</b>	Not applicable
<b>Auto ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not applicable
<b>Viscosity</b>	N/A
<b>Explosive properties</b>	No ingredients with explosive properties

## 9.2. Other information

None available

## Section 10. STABILITY AND REACTIVITY

<b>10.1. Reactivity</b>	No specific hazard
<b>10.2. Chemical stability</b>	Stable under normal conditions

<b>10.3. Possibility of hazardous reactions</b>	<b>None</b>
<b>10.4. Conditions to avoid</b>	Not determined
<b>10.5. Incompatible materials</b>	None known
<b>10.6. Hazardous decomposition products</b>	None known

## Section 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### a) Acute toxicity

**OSHA:** 6 mg/m<sup>3</sup> (total dust) TWA. 29 CFR 1910.1000 (Rev. 3/1/89).

**ACGIH:** 10 mg/m<sup>3</sup> (total amorphous dust) TWA. 3 mg/m<sup>3</sup> (respirable nuisance particulate) TWA.

The microorganisms in this product are all Group 1 (i.e. considered unlikely to cause human disease) according to EU Directive 2000/54/EC and related legislation.

**b) Skin corrosion/irritation:** Mixture not classified as corrosive to skin or causing skin irritation.

**c) Serious eye damage/irritation:** N/A.

**d) Respiratory or skin sensitisation:** Does not contain ingredients classified as a respiratory sensitiser.

**e) Germ cell mutagenicity:** Does not contain ingredients that are known germ cell mutagens

**f) Carcinogenicity:** Does not contain ingredients that are known carcinogens

**g) Reproductive toxicity:** Does not contain ingredients that are known reproductive toxicants

**h) STOT single exposure:** Does not contain ingredients that are known to cause single target organ toxicity with single exposure

**i) STOT repeated exposure:** Does not contain ingredients that are known to cause single target organ toxicity with repeated exposure

**j) Aspiration hazard:** Does not contain ingredients that are known to cause aspiration hazards

## Section 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Low Acute oral toxicity although ingestion may cause irritation of the gastrointestinal tract and may result in nausea and diarrhoea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction, especially to people that have a history of allergic reactions.

### 12.2. Persistence and degradability

Given the classification and degradability information on the ingredients and their concentration in the mixture, product is expected to be biodegradable to at least 99%.

### 12.3. Bioaccumulative potential

Given the classification and environmental behaviour information on the ingredients and their concentration in the mixture, product is not expected to bioaccumulate

**12.4. Mobility in soil** - N/A - only used in water

**12.5. Results of PBT and vPvB assessment** - Not anticipated to be PBT or vPvB

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**12.6. Other adverse effects** None known

## Section 13. DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods** - Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations. Container generally recyclable.

## Section 14. TRANSPORT INFORMATION

<b>14.1. UN number</b>	Not regulated
<b>14.2. UN proper shipping name</b>	Not regulated
<b>14.3. Transport hazard class(es)</b>	Not regulated
<b>14.4. Packing group</b>	Not regulated
<b>14.5. Environmental hazards</b>	Not applicable
<b>14.6. Special precautions for user</b>	None required
<b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable

## Section 15. REGULATORY INFORMATION

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

No known regulations or restrictions exist in EU Member states

**15.2. Chemical safety assessment**

All ingredients are natural and non hazardous.

## Section 16. ADDITIONAL INFORMATION

**Revision** This SDS has been created to comply with the full implementation of the CLP Regulation (EC) No 1272/2008, namely the classification of ingredients and preparations using the new GHS/CLP symbols and phrases and communication of classification, hazards and advice according to the new rules.

**Legal Disclaimer:** The product should not be used for any purpose other than a stated on the label without obtaining specific written instructions from the Manufacturer's offices. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS CORRECTNESS. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, OR USE OF THIS PRODUCT.

Component breakdown: Salts of Sodium, P200 Bio blend, Maltodextrin and binders.

**References** Part 3 of Annex VI of Regulation (EC) No 1272/2008

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:353:0001:1355:en:PDF>

Annex II Annex II of (EU) No 453/2010

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<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:133:0001:0043:en:PDF>

**Method used to classify:** Mixture has been classified by reference to information on ingredients

**Concentration limits .**

**Further information** The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process.