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## **MATERIAL SAFETY DATA SHEET**

### **PRODUCT**

# **BIO TUBES**

#### **1. DESCRIPTION / PROPERTIES (nature, reactivity):**

Absorbent tubes for removal of oil from waste water systems. Digests absorbed oil by natural bacterial action.

#### **2. COMPOSITION / INFORMATION ON INGREDIENTS**

Non pathogenic organisms – Class 1 (European Federation of BioTechnology)

<u>HAZARDOUS COMPONENTS</u>	<u>CONCENTRATION</u>	<u>HAZARD</u>	<u>RISK PHRASES</u>	<u>OES</u>
N/A	-	N/A	N/A	-

#### **3. HAZARD IDENTIFICATION**

a) **Fire/Explosion Hazard (stability, flammability, combustion products):**

Not classified as flammable or combustible material.

b) **Health Hazard (inhalation, ingestion, contact with skin or eyes):**

Not classified as hazardous for use. If tubes are opened when dry, may cause dusting with consequent skin or eye irritation. Organisms used are non-pathogenic but are capable of causing infection in contact with eyes or open wounds. These organisms are susceptible to many commonly used antibiotics. Low order of acute oral toxicity.

c) **Environmental Hazard:**

Not classified as hazardous to the environment.

#### **4. FIRST AID MEASURES**

- INHALATION** - Very low risk in normal usage. In cases of respiratory distress, remove patient to fresh air, rest and keep warm.
- SKIN CONTACT** - Low risk. Avoid unnecessary contact and keep away from broken skin or open wounds. Wash hands before eating or drinking.
- EYE CONTACT** - Low risk unless dry tubes are broken open to release dust. Remove contact lenses. Irrigate with plenty of clean running water. Seek medical attention if irritation persists.
- INGESTION** - Low risk. Do not swallow, rinse out mouth with water if dust is released. Do not induce vomiting.

#### **5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media:**

The product is not classified as combustible or flammable, but may burn if involved in a fire. Use extinguishing media appropriate to the source of the fire.

**Protection for fire fighters:**

Wear self-contained breathing apparatus. Wear protective clothing.

#### **6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:**

Pick up unbroken tubes. If tubes are broken, mark out contaminated area with signs and prevent access to unauthorised personnel.

## BIO TUBES

### **Environmental Precautions:**

Product is not environmentally hazardous, on the contrary it favours digestion of oils and greases in sewers and waste water treatment facilities.

### **Clean up Procedures:**

Pick up unbroken tubes. Disperse any dust with large excess of water.

## **7. HANDLING AND STORAGE**

### **Handling:**

After handling wash hands with soap and water.

### **Storage:**

May be stored for periods over six months in plastic containers as supplied. Avoid temperatures above 45 °C and protect from frost.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Avoid breathing dust.

**Engineering Controls:** Provide eyewash station

**Personal Protection:** **Hand:** Use protective gloves made of neoprene or nitrile.

**Eyes:** Wear safety glasses.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Enclosed sewn textile tubes

**Flash Point:** Not applicable.

## **10. STABILITY AND REACTIVITY**

**Stability:** Stable.

**Materials to avoid:** Avoid contact with strong oxidisers. Strong acids or alkalis may render the product inactive.

**Hazardous decomposition products:** None known

## **11. TOXICOLOGICAL INFORMATION**

**Health Effects:** Very low risk unless tubes are broken open to release dust.

**Respiratory:** Not likely to occur.

**Skin:** Low risk. Dust may cause irritation on prolonged or repeated contact.

**Eyes:** Low risk. Dust may cause irritation.

**Ingestion:** Low acute toxicity. Dust may cause irritation to mucous membranes in mouth, throat, stomach and intestinal canal. Contains non-pathogenic bacterial cultures.

## **12. ECOLOGICAL INFORMATION**

**Degradability:** All active components are readily biodegradable.

**Bioaccumulation:** No bioaccumulation is expected. The product mainly comprises an inert bacterial support medium.

## **13. DISPOSAL CONSIDERATION**

### **Disposal methods:**

Pick up unbroken tubes. Where tubes are broken, wash down any dust with water. Return unwanted material to the supplier.

## **14. TRANSPORT INFORMATION**

Not classified as dangerous for transport.

## BIO TUBES

### 15. REGULATORY INFORMATION

Not classified as hazardous for use.

#### Regulatory Information

**UK Regulatory References:** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

**EC Directives:** EH40/2002: Occupational Exposure Limits 2002.  
Dangerous Preparations Directive (1999/45/EC).  
Safety Data Sheets Directive (2001/58/EC).

**Approved Code of Practice:** The Compilation of Safety Data Sheets.

### 16. OTHER INFORMATION

#### **PLEASE NOTE:**

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith, no warranty is implied with respect to quality or specification of product. The user must satisfy himself that the product is entirely suitable.