



## SAFETY DATA SHEET

BIO-ZYME

Page 1

Issued: 29/08/06

Revision No: 3

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

**Product name:** BIO-ZYME

**Use / description of product:** Drain maintainer.

**Company name:** Unicorn Chemicals Ltd

Unicorn House

Mowbray Drive

Blackpool

Lancashire

FY3 7UN

Tel: 01253 396101

Fax: 01253 302895

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Contains:** Microbial enzyme preparation containing dextrose and biological proteins.

### 3. HAZARDS IDENTIFICATION

**Main hazards:** May cause sensitisation by inhalation.

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** Prolonged contact may cause irritation.

**Eye contact:** There may be irritation and redness.

**Ingestion:** Amounts ingested during normal use are not likely to cause damage to health.

**Inhalation:** Inhalation of dust particles may cause allergic type reactions such as asthma and bronchitis.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash skin thoroughly with water and remove contaminated clothing. Obtain medical attention if symptoms develop.

**Eye contact:** Rinse with water for 10 minutes and seek medical advice if irritation persists.

**Ingestion:** Immediately rinse mouth and then drink plenty of water. Seek medical attention.

**Inhalation:** Remove from exposure. Consult a physician if allergy response occurs.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Alcohol or polymer foam.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Do not create dust. Wear appropriate protective clothing.

**Clean-up procedures:** Sweep up carefully avoiding dust formation. Absorb any wet material with sand, earth etc. and transfer to suitable containers for safe disposal.

[cont...]

**SAFETY DATA SHEET**

BIO-ZYME

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid the formation or spread of dust in the air. Do not inhale dust.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Avoid contact with water or humidity.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Wear suitable mask to prevent inhalation of dust.

**Hand protection:** Use of impervious gloves is recommended.

**Eye protection:** Wear safety glasses if there is a risk of eye contact.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Powder

**Colour:** Brown

**Odour:** Odourless

**Solubility in water:** Soluble

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Extremes of temperature.

**11. TOXICOLOGICAL INFORMATION**

**Chronic toxicity:** May cause sensitisation by inhalation.

**12. ECOLOGICAL INFORMATION**

**Other adverse effects:** Long term adverse effects to aquatic organisms are not expected.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Contact Unicorn Chemicals Ltd to arrange disposal.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** -

**Shipping name:** NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

**IMDG / IMO**

**UN no:** -

## SAFETY DATA SHEET

BIO-ZYME

### IATA / ICAO

UN no: -

### 15. REGULATORY INFORMATION

**Hazard symbols:** Irritant.



**Risk phrases:** R42: May cause sensitisation by inhalation.

**Safety phrases:** S2: Keep out of the reach of children.

S22: Do not breathe dust.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

### 16. OTHER INFORMATION

**Other information:** Always use in accordance with manufacturer's directions.

This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.