

MATERIAL SAFETY DATA SHEET

Microzone Limited

DATE PRODUCED: January 2011

1. CHEMICAL IDENTIFICATION:

microLYSIS[®] & 20x microLYSIS[®]

2. COMPOSITION:

Proprietary Mixes

3. HAZARDS IDENTIFICATION:

LABEL PRECAUTIONARY STATEMENTS

Harmful

Harmful if swallowed

Harmful to eyes, respiratory system and skin.

4. FIRST-AID MEASURES:

In case of contact with eyes, immediately flush eyes with copious amounts of water for at least 15 minutes. In case of contact with skin, immediately wash skin with soap and copious amounts of water. If inhaled, remove to fresh air and monitor breathing. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5. HANDLING AND STORAGE:

This product should be handled only by those persons who have been trained in laboratory techniques and that it is used in accordance with the principles of good laboratory practice.

Storage conditions at +4°C or -20°C.

6. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance and odour

Colourless semi-viscous liquid.

7. STABILITY AND REACTIVITY:

STABILITY

Stable

INCOMPATIBILITIES

Strong oxidising agents

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

Toxic fumes of: Carbon Monoxide, Carbon Dioxide.

8. TOXICOLOGICAL INFORMATION:

May be harmful by inhalation, ingestion or skin absorption.

Vapour is irritating to eyes, mucous membranes and upper respiratory tract.

Skin irritation. The toxicological properties have not been thoroughly investigated.

9. FIRE FIGHTING MEASURE:

Extinguishing Media – Suitable: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special Risks – Special Hazard (s): Emits toxic fumes under fire conditions

Special Protective Equipment for Fire-fighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

10. ECOLOGICAL INFORMATION:

Data not yet available.

11. TRANSPORT INFORMATION:

Non-hazardous for road, sea and air freight

12. DISPOSAL CONSIDERATIONS:

Substance disposal: Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and scrubber.

Observe all government and local environmental regulations

13. REGULATORY INFORMATION:

EUROPEAN INFORMATION

Harmful

R22

Harmful if swallowed

R41

Risk of serious damage to eyes

(S 36)

In case of contact with eyes, rinse immediately with copious amounts of water and seek medical advice

Wear suitable protective clothing

No risk and safety phrases appear on labels in line with the requirements of Section 9 (8)

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