

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection is necessary in circumstances where there is accidental or uncontained release of product.

Respiratory protection: Respiratory approved for solid and liquid particulates including dusts and mists e.g. 3M 8810 mask or respirator with P3 filter or equivalents

Hand protection: Impermeable gloves

Eye protection: Protective glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour/Physical state: Brown liquid

Odour: Slight fermentation odour

Density: min 1.14 - 1.18

Solubility: Soluble

Flashpoint: Not applicable

10. STABILITY AND REACTIVITY

This product is stable under normal conditions of use. No hazardous decomposition products have been identified.

11. TOXICOLOGICAL INFORMATION

Long term experience of this product type indicates no danger to health when properly handled under industrial conditions. Repeated inhalation of enzyme aerosol may cause sensitisation and will cause allergic type reactions in sensitised individuals. Prolonged skin contact may cause irritation.

12. ECOLOGICAL INFORMATION

This product type is believed not to be dangerous to the environment. This product is expected to be biodegradable.

13. DISPOSAL INFORMATION

Product and contaminated packaging must be disposed of in accordance with local authority regulations.

Liquid enzymes:

Surplus liquid / enzyme spills may be disposed of to municipal / waste water treatment plants as it is biodegradable, or in accordance with local authority regulations.

Liquid enzyme packaging:

Containers should be drained of excess enzyme residue and rinsed with water. The containers may then be recycled / reused or disposed of as in accordance with local authority regulations.

Powder enzymes:

Powder enzymes may be disposed of to landfill / incineration as in accordance with local authority regulations.

Powder enzyme packaging:

Care should be taken to ensure that the packaging is free from any enzyme residues before it can be sent for recycling/reuse or further disposal in accordance with local authority regulations.

14. TRANSPORT INFORMATION

This product is not a dangerous good according to international regulations for transport

15. REGULATORY INFORMATION

It is a dangerous preparation according to the EC directive 88/379.

Labelling

Xn	Harmful
R36/37/38	Irritating to eyes, respiratory tract and skin
R42	May cause sensitisation by inhalation
S23	Do not breathe aerosol
S24	Avoid contact with skin
S36/37	Wear suitable protective clothing and gloves



16. OTHER INFORMATION

Supersedes edition of: 28/11/01 Reason for alteration: New company name and rearranging MSDS data so that format complies with EU Directive 2001/58/EC

The information contained in this safety data sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendation or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product. The information in this sheet does not represent analytical specifications, for which please refer to our technical data sheet. The content of this Safety Data Sheet complies with both the EC directive 2001/58/EC and ISO standard ISO11014-1 and is recommended by the Association of Manufacturers and Formulators of Enzyme Products. (AMFEP)

IMPORTANT FOR YOUR PROTECTION The information and recommendations contained herein are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty of representation in respect of safety in use, suitability, efficacy or otherwise including freedom from patent infringement. Users should make their own tests for their purpose. We cannot accept any liability for any loss, damage or infringement arising from the use of the information and recommendation contained herein.