

## Material safety data sheet

1. Product Name: **Enzyguard**

Application of the substance / the preparation: Multi enzymatic cleaner

Company Name: MEDIZYSIS INDIA PVT LTD

Manufactured By : Zenith Chemical and Allied Industries

Emergency Phone: 9953172258, 011-22343535

### 2. Information on Ingredients:

Name	CAS No.	% Range
<b>Protease Enzyme</b>	<u>9001-92-7</u>	0-5%
Amylase Enzyme	9000-90-20	0-5%
Lipase Enzyme	9001-62-1	0-5%
Cellulase Enzyme	9012-54-8	0-5%

### 3. Hazards identification

#### Classification

None

#### Information pertaining to special dangers for human and environment

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/EEC is not required. The concentration of the hazardous ingredients is below the limits of classification. Risks cannot be excluded if the product is handled inappropriately:

#### 4. First aid measures

##### General Information

Take off contaminated clothing. In case of accident or if you feel unwell, seek medical advice immediately.

##### After inhalation

Fresh air

##### After skin contact

Wash off with plenty of water and soap.

##### After eye contact

Rinse out with plenty of water (with eyelid held wide open for at least 15 min).

##### After swallowing

Rinse mouth with water; prevent the victim from drinking water and vomiting. Seek medical advice immediately.

#### 5. Fire-fighting measures

##### Suitable extinguishing media

In adaption to materials stored in the immediate neighborhood. Product is non flammable.

##### Extinguishing media which must not be used for safety reasons

Not applicable

##### Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

No data available

##### Additional information

None

#### 6. Accidental release measures

##### Personal precautions

Avoid contact with substance. Ensure supply of fresh air in enclosed rooms.

### **Environmental precautions**

Do not allow the substance to enter the drains.

### **Methods for cleaning-up**

Take up with liquid-absorbent material . Forward for disposal.

### **Additional information**

None

## **7. Handling and storage**

### **Advices on safe handling**

Prevent any contact with skin, eyes – Wear protective equipment

### **Precautions against fire and explosion**

Not applicable

### **Storage conditions**

Keep only in the original container.

## **8. Exposure controls / personal protection**

### **Personal protective equipment**

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

**Respiratory protection:** not required, if the product is used according to the intended purpose

**Hand protection:** Protection gloves recommendable;

**In full contact:** glove material nitrile rubber, layer thickness: 0.11 mm

**Protective clothing:** lab coat

**Eye protection:** safety glasses

### **Industrial hygiene**

Avoid contact with eyes and skin. For the safety at work do not eat, drink, smoke, snuff.

Wash hands after working with the product.

## **9. Physical and chemical properties**

### **Appearance**

Physical state: liquid

Color: Purple

Odor: Lavender

### **Safety relevant basic data**

pH value (at 20 °C): 8-9

Boiling point/ boiling range: not known

Flash point: not applicable

Explosion hazard: not applicable

Lower explosion limit: not applicable

Upper explosion limit: not applicable

Ignition temperature: not applicable

Vapor pressure: not known

Density: not known

Solubility in water (@ 20 °C): completely soluble

## **10. Stability and reactivity**

### **Conditions to avoid**

Strong acids and bases. Strong oxidizing or reducing agents.

## **11. Toxicological information**

**Properties that must be anticipated on the basis of the components of the preparation**

**After swallowing:** may cause nausea.

**After skin contact:** may cause irritations.

**After inhalation:** may cause irritation

**After eye contact:** may cause irritations.

**Systemic effects:** not known

## **12. Ecological information**

**Ecotoxic effects (ingredients)**

No data available

**Mobility, persistence and degradability, bio-accumulative potential (ingredients)**

No data available

**Results of PBT assessment**

No data available

**Other adverse effects**

No data available

## **13. Disposal Considerations**

**Recommendation**

For disposal, laboratory waste should be collected separately with regard to its different chemical properties. Waste of this product can be collected as "aqueous salt solution".

**Product (substance / preparation) / contaminated packaging**

The product must be disposed of in compliance with the respective national regulations.

Contaminated

packaging must be disposed as the product itself.

**Cleaned packaging**

Non-contaminated and cleaned packaging can be recycled. Recommended cleanser: water

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