



# Safety Data Sheet

According to 1907/2006/EC, Article 31 Amended by the Commission Regulation (EU) No 453/2010

## PRODUCT NAME: 4 EZYME

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier:

Product name: 4 EZYME SCOPE PLUS  
Product Code:

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against:

Use of substance / mixture: Cleaning agent. Enzymatic detergent for cleaning re-usable medical instruments and devices. For use at concentrations between 0.3 to 1% in water at 20°C to 45°C.

#### 1.3. Details of the supplier of the safety data sheet:

Company: Medisafe UK Ltd.  
Address: Twyford Road,  
Bishops Stortford,  
Hertfordshire,  
CM23 3LJ,  
United Kingdom  
Web: [www.medisafeinternational.com](http://www.medisafeinternational.com)

#### 1.4. Emergency telephone number:

Telephone: +44 (0) 1279 461 641  
Fax: +44 (0) 1279 461 643  
Email address of the competent person: [info@medisafeinternational.com](mailto:info@medisafeinternational.com)

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture:

Classification under CLP: EUH208  
Classification under CHIP: This product has no classification under CHIP.

#### 2.2. Label elements:

Label elements under CLP:  
Hazard statements: EUH208: Contains a mixture of: 5-chloro-2-methyl-2h-isothiazol-3-one [ec no 247-500-7] and 2-methyl-2h-isothiazol-3-one [ec no 220-239-6].  
May produce an allergic reaction.

Label elements under CHIP:

#### 2.3. Other hazards:

Other hazards: May cause sensitisation by skin contact.  
PBT: This product is not identified as a PBT/vPvB substance.

### Section 3: Composition/information on ingredients

3.1. -

3.2. Mixtures -



## Section 4: First aid measures

### 4.1. Description of first aid measures:

- Skin contact: Wash immediately with plenty of soap and water.  
Eye contact: Bathe the eye with running water for 15 minutes. If irritation persists seek medical advice.  
Ingestion: Wash out mouth with water. Seek medical attention  
Inhalation: Not applicable

### 4.2. Most important symptoms and effects, both acute and delayed:

- Skin contact:  
Eye contact:  
Ingestion:  
Inhalation:  
Delayed / immediate effects:

### 4.3. Indication of any immediate medical attention and special treatment needed:

- Immediate / special treatment: Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media:

- Extinguishing media: Non-flammable. Select extinguishing agent appropriate to other materials involved. Carbon dioxide. Dry chemical powder. Alcohol or polymer foam.

### 5.2. Special hazards arising from the substance or mixture:

- Exposure hazards: Not expected to burn in fire until all water has evaporated. Products of combustion include oxides of carbon.

### 5.3. Advice for fire-fighters:

- Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures:

- Personal precautions: Refer to section 8 of SDS for personal protection details.

### 6.2. Environmental precautions:

- Environmental precautions: Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up:

- Clean-up procedures: Small spillages may be flushed with large amounts of water.

### 6.4. Reference to other sections:

- Reference to other sections: Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling:

- Handling requirements: Ensure there is sufficient ventilation of the area.



**7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.  
Suitable packaging: Polyethylene.

**7.3. Specific end use(s)**

Specific end use(s): No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters:**

Workplace exposure limits: No data available.

**8.2. DNEL/PNEC Values**

DNEL / PNEC: No data available.

**8.3. Exposure controls:**

Engineering measures: Ensure there is sufficient ventilation of the area.  
Respiratory protection: Respiratory protection not required.  
Hand protection: PVC gloves.  
Eye protection: Safety glasses.  
Skin protection: Protective clothing with elasticated cuffs and closed neck.  
Environmental: Prevent from entering in public sewers or the immediate environment.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties:**

State: Liquid  
Colour: Blue  
Odour: Barely perceptible odour  
Evaporation rate: No data available  
Oxidising: Non-oxidising (by EC criteria)  
Solubility in water: Soluble  
Viscosity: No data available  
Boiling point/range°C: Melting point/range°C:  
Flammability limits %: Lower: No data available Upper: Not applicable.  
Flash point°C: above 100  
Part.coeff. n-octanol/water: No data available  
Autoflammability°C: No data available  
Vapour pressure: No data available  
Relative density: No data available pH:  
VOC g/l: No data available

**9.2. Other information:**

Other information: No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity:**

Reactivity: Stable under recommended transport or storage conditions.

**10.2. Chemical stability:**

Chemical stability: Stable under normal conditions.



**10.3. Possibility of hazardous reactions:**

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below

**10.4. Conditions to avoid:**

Conditions to avoid: Heat.

**10.5. Incompatible materials:**

Materials to avoid: Strong bases. Strong oxidising agents.

**10.6. Hazardous decomposition products:**

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

**11.1. Information on toxicological effects:**

Toxicity values: No data available.

**11.2. Symptoms / routes of exposure:**

Skin contact:

Eye contact:

Ingestion:

Inhalation:

Delayed / immediate effects:

## Section 12: Ecological information

**12.1. Toxicity:**

Ecotoxicity values: No data available.

**12.2. Persistence and degradability:**

Persistence and degradability: Biodegradable.

**12.3. Bio-accumulative potential:**

Bio-accumulative potential: No data available.

**12.4. Mobility in soil:**

Mobility: Soluble in water.

**12.5. Results of PBT and vPvB assessment:**

PBT identification: This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects:**

Other adverse effects: Negligible ecotoxicity.

## Section 13: Disposal considerations

**13.1. Waste treatment methods:**

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.



Disposal of packaging: Dispose of as normal industrial waste.

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

## Section 14: Transport information

**14.1. Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

Specific regulations: All the raw materials/chemicals sourced for use in this product are pre-registered for REACH (where applicable) or have undergone the registration process and therefore said to be REACH compliant.

### 15.2. Chemical Safety Assessment:

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### 16.1. Other information:

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

### 16.2. Legend to abbreviations:

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

Abbreviations:

PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration I

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig



RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

**Disclaimer:**

This Material Safety Data Sheet is not a technical specification and does not guarantee any properties or performance. It has been published for the purpose of giving guidance to the user in the safe storage, use and disposal of the product

The information and recommendations contained herein are, to the best of our knowledge and belief, accurate at the date of publication but does not purport to be all inclusive and shall be used only as a guide. Medisafe UK Ltd assumes shall not be held liable for any injury and damage resulting from the handling or from contact with the above product.