



**KATALİZMED**  
İç ve Dış Ticaret San. Ltd. Şti.

## **SAFETY DATA SHEET**

Creatinase

### **1- Product name and supplier**

- Product name:** Creatinase
- Chemical name:** Creatine amidinohydrolase - EC 3.5.3.3
- Code:** **KCRH-100E**
- Supplier:** KATALİZMED İç ve Dış Ticaret San.LTD.ŞTI  
Çınar Mah. 5003/2 Sk. No:3-5  
İç Kapı No:510 Bornova /izmir  
Hasan Tahsin 5281355470

**-REACH N°:** A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

**-Identified uses:** Laboratory chemicals, Manufacture of substances

### **2- Hazard identification**

#### **-Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### **-Label elements**

The product does not need to be labeled in accordance with EC directives or respective national laws.

**-Other hazards** - none



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### **3- Composition/information on ingredients**

CAS-N°: 37340-58-2

EC-N°: 253-471-1

No components need to be disclosed according to the applicable regulations.

### **4- First aid measures**

- Eyes contact** Flush eyes with water for at least 15 min and seek medical advice
- Skin contact** Flush area with plenty of water
- Inhalation** Provide fresh air. If breathing is difficult, obtain medical attention. If not breathing, give artificial respiration
- Ingestion** Never give anything by mouth to an unconscious person. Rinse mouth with water.

### **Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling and/or in section 11.

**Indication of any immediate medical attention and special treatment needed**  
no data available

### **5- Fire-fighting measures**

#### **-Extinguishing media**

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.



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### **-Special hazards arising from the substance or mixture**

Nature of decomposition products not known.

### **-Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

### **-Further information**

no data available

## **6- Accidental release measures**

### **-Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapors, mist or gas.

### **-Environmental precautions**

Do not let product enter drains.

### **-Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

## **7- Handling and storage**

### **-Handling**

Work in mechanically exhausted area  
Protective rubber or latex gloves needed  
Wear safety glasses or goggles

### **-Storage**

Store in a dry place at -20 °C in a firmly tighten recipient

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

### **-Control parameters**

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**Components with workplace control parameters**  
**-Exposure controls**

**Appropriate engineering controls**  
General industrial hygiene practice.

**Personal protective equipment**

### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

### **Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### **Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).



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### **9- Physical and chemical properties**

Appearance	white powder, lyophilized
Odour	no data available
pH	no data available
Melting point/freezing point	no data available
Flash point	no data available
Evaporation rate	no data available
explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	no data available
Autoignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available

### **10- Stability and reactivity**

#### **-Reactivity**

no data available

#### **-Chemical stability**

no data available

#### **-Possibility of hazardous reactions**

no data available

#### **-Conditions to avoid**

no data available

#### **-Incompatible materials**

no data available

#### **-Hazardous decomposition products**

Other decomposition products - no data available



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### **11- Toxicological information**

#### **Acute toxicity**

no data available

#### **Skin corrosion/irritation**

no data available

#### **Serious eye damage/eye irritation**

no data available

#### **Respiratory or skin sensitization**

no data available

#### **Germ cell mutagenicity**

no data available

#### **Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### **Reproductive toxicity**

no data available

#### **Specific target organ toxicity - single exposure**

no data available

#### **Specific target organ toxicity - repeated exposure**

no data available

#### **Aspiration hazard**

no data available

#### **Additional Information**

RTECS: Not available

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### **-Endocrine disrupting properties**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### **12- Ecological information**

#### **-Toxicity**

no data available

#### **-Persistence and degradability**

no data available

#### **-Bioaccumulative potential**

no data available

#### **-Mobility in soil**

no data available

#### **-Results of PBT and vPvB assessment**

no data available

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#### **-Other adverse effects**

no data available



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### **13- Disposal considerations**

#### **Waste treatment methods**

##### **Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

#### **Contaminated packaging**

Dispose of as unused product

### **14- Transport information**

#### **RID/ADR**

Non-hazardous for road transport.

#### **IMDG**

Non-hazardous for sea transport.

#### **IATA**

Non-hazardous for air transport

### **15- Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

no data available

#### **Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

### **16- Other information**

The information herein is based on the current extend of our knowledge and is believed to be correct but is provided without

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warranty of any kind. The recipient of our reagent is responsible for observing all applicable laws and regulations.