SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
- Product form: Mixture
- Product name: Creatinine Assay
- Product code: DZ072B

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

1.2.1. Relevant identified uses
No additional information available

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
- Supplier: Diazyme Laboratories
  12889 Gregg Court
  92064 Poway
  T 858-455-4768

- Authorized Representative: MDSS GmbH
  Schiffgraben 41
  Germany
  (+49) 511-6262-8630

1.4. Emergency telephone number
- Emergency number: Contact your local health authority or poison control center in an emergency. Manufacturer contact number for the US is as follows: (858) 455-4768

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture
- Classification according to Regulation (EC) No. 1272/2008 [CLP]
  Not classified (for all components)

2.2. Label elements
- Labelling according to Regulation (EC) No. 1272/2008 [CLP]
  No labelling applicable (for all components)

2.3. Other hazards
No additional information available (for all components)

SECTION 3 Composition/information on ingredients

3.1. Substance
No applicable

3.2. Mixture
This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4 First aid measures

4.1. Description of first aid measures
- First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact: Wash skin with plenty of water.
First-aid measures after eye contact
Rinse eyes with water as a precaution.

First-aid measures after ingestion
Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed
No additional information available

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5 Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media

5.2. Special hazards arising from the substance or mixture
Hazardous decomposition products in case of fire
Toxic fumes may be released.

5.3. Advice for firefighters
Protection during firefighting
Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel
Emergency procedures
Ventilate spillage area.

6.1.2. For emergency responders
Protective equipment
Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions
Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up
Take up liquid spill into absorbent material.

Other information
Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections
For further information refer to section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling
Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures
Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions
Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)
No additional information available

SECTION 8 Exposure controls/personal protection

8.1. Control parameters
No additional information available

8.2. Exposure controls
Appropriate engineering controls
Ensure good ventilation of the work station.

Hand protection
Protective gloves

Eye protection
Safety glasses

Skin and body protection
Wear suitable protective clothing

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls
Avoid release to the environment.
## SECTION 9 Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### 9.2. Other information

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Not classified</td>
</tr>
</tbody>
</table>
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according to Regulation (EC) No. 453/2010

Aspiration hazard  Not classified

SECTION 12 Ecological information

12.1.  Toxicity
Ecology - general  The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

12.2.  Persistence and degradability
No additional information available

12.3.  Bioaccumulative potential
No additional information available

12.4.  Mobility in soil
No additional information available

12.5.  Results of PBT and vPvB assessment
No additional information available

12.6.  Other adverse effects
No additional information available

SECTION 13 Disposal considerations

13.1.  Waste treatment methods
Waste treatment methods  Dispose of contents/container in accordance with licensed collector’s sorting instructions.

SECTION 14 Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1.  UN number
Not regulated for transport

14.2.  UN proper shipping name
Proper Shipping Name (ADR)  Not applicable
Proper Shipping Name (IMDG)  Not applicable
Proper Shipping Name (IATA)  Not applicable
Proper Shipping Name (ADN)  Not applicable
Proper Shipping Name (RID)  Not applicable

14.3.  Transport hazard class(es)
ADR  Transport hazard class(es) (ADR)  Not applicable

IMDG  Transport hazard class(es) (IMDG)  Not applicable

IATA  Transport hazard class(es) (IATA)  Not applicable

ADN  Transport hazard class(es) (ADN)  Not applicable

RID  Transport hazard class(es) (RID)  Not applicable

14.4.  Packing group
Packing group (ADR)  Not applicable
Packing group (IMDG)  Not applicable
Packing group (IATA)  Not applicable
Packing group (ADN)  Not applicable
Packing group (RID)  Not applicable
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According to Regulation (EC) No. 453/2010

14.5. Environmental hazards

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dangerous for the environment</td>
<td>No</td>
</tr>
<tr>
<td>Marine pollutant</td>
<td>No</td>
</tr>
<tr>
<td>Other information</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>No supplementary information available</td>
</tr>
</tbody>
</table>

14.6. Special precautions for user

- Overland transport
  No data available

- Transport by sea
  No data available

- Air transport
  No data available

- Inland waterway transport
  Carriage prohibited (ADN) No
  Not subject to ADN No

- Rail transport
  Carriage prohibited (RID) No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

SECTION 15 Regulatory information

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

15.1.1. EU-Regulations
Contains no substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany
VwVwS Annex reference Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)

Netherlands
None of the components are listed

15.2. Chemical safety assessment
No additional information available

SECTION 16 Other information

SDS EU Diazyme with CLP
This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.