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

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>Diazyme EZ Vitamin D Assay Calibrator</td>
</tr>
<tr>
<td>Product code</td>
<td>DZ888A-CAL</td>
</tr>
</tbody>
</table>

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

1.3. Details of the supplier of the safety data sheet

Supplier: Diazyme Laboratories
12889 Gregg Court
Poway, CA 92064
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

GHS-US classification
Not classified

2.2. Label elements

GHS-US labeling
No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

**SECTION 3 Composition/information on ingredients**

3.1. Substance

Not applicable

3.2. Mixture

Full text of H-phrases: see section 16

**SECTION 4 First aid measures**

4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>First-aid measures after inhalation</th>
<th>Remove person to fresh air and keep comfortable for breathing.</th>
</tr>
</thead>
<tbody>
<tr>
<td>First-aid measures after skin contact</td>
<td>Wash skin with plenty of water.</td>
</tr>
<tr>
<td>First-aid measures after eye contact</td>
<td>Rinse eyes with water as a precaution.</td>
</tr>
<tr>
<td>First-aid measures after ingestion</td>
<td>Call a poison center/doctor/physician if you feel unwell.</td>
</tr>
</tbody>
</table>

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

5.2. Special hazards arising from the substance or mixture
Reactivity The product is non-reactive under normal conditions of use, storage and transport.

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

<table>
<thead>
<tr>
<th>Diazyme EZ Vitamin D Assay Calibrator</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>OSHA</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Mixture contains one or more component(s) which have the following colour(s): Colourless to white</td>
</tr>
</tbody>
</table>
Diazyme EZ Vitamin D Assay Calibrator
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 11/1/17
Revision: B

Odor
There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure.
Mixture contains one or more component(s) which have the following odour(s):
Odourless

Odor threshold
No data available
pH
No data available
Melting point
Not applicable
Freezing point
No data available
Boiling point
No data available
Flash point
No data available
Relative evaporation rate (butyl acetate=1)
No data available
Flammability (solid, gas)
No data available
Explosion limits
No data available
Explosive properties
No data available
Oxidizing properties
No data available
Vapor pressure
No data available
Relative density
No data available
Relative vapor density at 20 °C
No data available
Solubility
Water Solubility in water of component(s) of the mixture:
• : 42 g/100ml (17 °C)
Log Pow
No data available
Log Kow
No data available
Auto-ignition temperature
No data available
Decomposition temperature
No data available
Viscosity
No data available
Viscosity, kinematic
No data available
Viscosity, dynamic
No data available

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

Acute toxicity
Not classified
Skin corrosion/irritation
Not classified
Serious eye damage/irritation
Not classified
Respiratory or skin sensitization
Not classified
Germ cell mutagenicity
Not classified
Carcinogenicity
Not classified
### Diazyme EZ Vitamin D Assay Calibrator

#### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

**Date of issue:** 11/1/17  
**Date of Revision:** 11/1/17  
**Revision:** B

---

**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. **Other adverse effects**

Effect on the global warming  
No known ecological damage caused by this product.

---

**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**

Department of Transportation (DOT)

In accordance with DOT  
Not regulated for transport

**Additional information**

Other information  
No supplementary information available.

---

**ADR**

No additional information available

**Transport by sea**

No additional information available

**Air transport**

No additional information available

---

**SECTION 15 Regulatory information**

15.1. **US Federal regulations**

No additional information available

15.2. **International regulations**

**CANADA**

No additional information available

**EU-Regulations**

No additional information available

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**

No additional information available

---

SDS 1247 Rev B  
EN (English US)  
4/1
National regulations
No additional information available

15.3. US State regulations
No additional information available

SECTION 16 Other information

SDS US Diazyme

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.