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

1.1. Product identifier

Product form: Mixture
Product name: HDL/LDL Calibrator
Product code: DZ130A-CAL, DZ130A-SLV
Product group: Blend

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

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]
No labeling applicable

2.3. Other hazards

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substance

Not 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**


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>
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<td>Colour</td>
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<tr>
<td>Odour</td>
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<tr>
<td>Odour threshold</td>
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</tr>
<tr>
<td>pH</td>
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</tr>
<tr>
<td>Relative evaporation rate</td>
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</tr>
<tr>
<td>Melting point</td>
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</tr>
<tr>
<td>Freezing point</td>
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<td>Boiling point</td>
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<tr>
<td>Flash point</td>
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</tr>
<tr>
<td>Auto-ignition temperature</td>
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</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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</tr>
<tr>
<td>Vapour pressure</td>
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</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Solubility</td>
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HDL/LDL Calibrator
Safety Data Sheet 1100

according to Regulation (EC) No. 453/2010

<table>
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<tr>
<td>Viscosity, kinematic</td>
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<tr>
<td>Viscosity, dynamic</td>
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<tr>
<td>Explosive properties</td>
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<tr>
<td>Oxidising properties</td>
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<tr>
<td>Explosive limits</td>
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</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
Acute toxicity Not classified
Skin corrosion/irritation Not classified
Serious eye damage/irritation Not classified
Respiratory or skin sensitisation Not classified
Germ cell mutagenicity Not classified
Carcinogenicity Not classified
Reproductive toxicity Not classified
Specific target organ toxicity (single exposure) Not classified
Specific target organ toxicity (repeated exposure) Not classified
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
HDL/LDL Calibrator
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generated according to Regulation (EC) No. 453/2010

<table>
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<tr>
<td>Proper Shipping Name (RID)</td>
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</tbody>
</table>

**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**

<table>
<thead>
<tr>
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</tr>
</thead>
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</tr>
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<td>Packing group (IATA)</td>
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</tr>
<tr>
<td>Packing group (ADN)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group (RID)</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**14.5. Environmental hazards**

- Dangerous for the environment | No |
- Marine pollutant | No |
- Other information | No supplementary information available |

**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 |

**15.1.2. National regulation**

**Germany**
- 12th Ordinance Implementing the Federal Immission Control Act - 12.BlmSchV
  - Is not subject of the 12.BlmSchV (Hazardous Incident Ordinance) |

**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.