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

1.1. Product identifier
- **Product form**: Mixture
- **Product name**: LDL Assay Reagent R1, Reagent R2
- **Product code**: DZ128A
- **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 (for all components)

2.2. Label elements
- **Labeling according to Regulation (EC) No. 1272/2008 [CLP]**: No labeling applicable (for all components)

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

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

1. **Extinguishing media**

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

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

1. **Personal precautions, protective equipment and emergency procedures**
   1.1. **For non-emergency personnel**
      - Emergency procedures: Ventilate spillage area.
   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".

2. **Environmental precautions**
   - Avoid release to the environment.

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.

4. **Reference to other sections**
   - For further information refer to section 13.

### SECTION 7 Handling and storage

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.

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

3. **Specific end use(s)**
   - No additional information available.

### SECTION 8 Exposure controls/personal protection

1. **Control parameters**
   - No additional information available.

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

1. **Information on basic physical and chemical properties**
   - Physical state: Liquid
   - Colour: No data available
   - Odour: No data available
   - Odour threshold: No data available
   - pH: No data available
   - Relative evaporation rate (butylacetate=1): No data available
   - Melting point: Not applicable
   - Freezing point: No data available
   - Boiling point: No data available
   - Flash point: No data available
   - Auto-ignition temperature: No data available
   - Decomposition temperature: No data available
   - Flammability (solid, gas): Not applicable
   - Vapour pressure: 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

<table>
<thead>
<tr>
<th>Effect</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>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Shipping Name</th>
<th>Class(es)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR</td>
<td>Transport Class(es)</td>
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</tr>
<tr>
<td>IMDG</td>
<td>Transport Class(es)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>IATA</td>
<td>Transport Class(es)</td>
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</tr>
<tr>
<td>ADN</td>
<td>Transport Class(es)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>RID</td>
<td>Transport Class(es)</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### 14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th>Shipping Name</th>
<th>Class(es)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR</td>
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<tr>
<td>ADN</td>
<td>Transport Class(es)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>RID</td>
<td>Transport Class(es)</td>
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</tr>
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</table>

### 14.4. Packing group

<table>
<thead>
<tr>
<th>Packing Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR</td>
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<tr>
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<td>Not applicable</td>
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<tr>
<td>ADN</td>
<td>Not applicable</td>
</tr>
<tr>
<td>RID</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### 14.5. Environmental hazards

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Description</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 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 | 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

- **EU-Regulations**
  - Contains no substances with Annex XVII restrictions

- **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.