### 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>Liquid Stable Potassium Enzymatic Assay Reagent R1, Reagent R2, Calibrators, Controls</td>
</tr>
<tr>
<td>Product code</td>
<td>DZ113C</td>
</tr>
<tr>
<td></td>
<td>DZ113C-R1, DZ-113C-R2, DZ113C-CAL, DZ113C-CON</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

Classification (GHS-US)
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

No additional information available

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

No additional information available
SECTION 5 Firefighting measures

5.1. Extinguishing media
No additional information available

5.2. Special hazards arising from the substance or mixture
No additional information available

5.3. Advice for firefighters
No additional information available

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel
No additional information available

6.1.2. For emergency responders
No additional information available

6.2. Environmental precautions
No additional information available

6.3. Methods and material for containment and cleaning up
No additional information available

6.4. Reference to other sections
No additional information available

SECTION 7 Handling and storage

7.1. Precautions for safe handling
No additional information available

7.2. Conditions for safe storage, including any incompatibilities
No additional information available

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

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Liquid Stable Potassium Enzymatic Assay Reagents, Calibrators, Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
</tr>
<tr>
<td>OSHA</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
No additional information available

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>No data available</td>
</tr>
<tr>
<td>Odor</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</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>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Liquid Stable Potassium Enzymatic Assay
Reagents, Calibrators, Controls
Safety Data Sheet 1046
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Explosion limits
Explosive properties
Oxidizing properties
Vapor pressure
Relative density
Relative vapor density at 20 °C
Solubility
Log Pow
Log Kow
Auto-ignition temperature
Decomposition temperature
Viscosity
Viscosity, kinematic
Viscosity, dynamic
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available
No data available

9.2. Other information
No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
No additional information available

10.3. Possibility of hazardous reactions
No additional information available

10.4. Conditions to avoid
No additional information available

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
No additional information available

SECTION 11 Toxicological information

11.1. Information on toxicological effects
Acute toxicity
Skin corrosion/irritation
Serious eye damage/irritation
Respiratory or skin sensitization
Germ cell mutagenicity
Carcinogenicity
Reproductive toxicity
Specific target organ toxicity (single exposure)
Specific target organ toxicity (repeated exposure)
Aspiration hazard
Not classified
Not classified
Not classified
Not classified
Not classified
Not classified
Not classified
Not classified
Not classified
Not classified

SECTION 12 Ecological information

12.1. Toxicity
No additional information available

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
No additional information available

### SECTION 13 Disposal considerations

#### 13.1. Waste treatment methods
No additional information available

### SECTION 14 Transport information

**Department of Transportation (DOT)**
In accordance with DOT
Not regulated for transport

**Additional 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

**National regulations**
No additional information available

#### 15.3. US State regulations
No additional information available

### SECTION 16 Other information

SDS US Diazyme
Liquid Stable Potassium Enzymatic Assay
Reagents, Calibrators, Controls
Safety Data Sheet 1046
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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.