

Conforms to 93/112/EC and ISO 11014-1

Responsible Name: Diazyme Administration  
Effective 08/05/08**SECTION 1: PRODUCT and COMPANY IDENTIFICATION**

<u>PRODUCT NAME:</u>	<u>CATALOG #</u>
<b>Sodium Enzymatic Assay</b>	<b>DZ114A</b>
<b>Reagent R1a</b>	<b>DZ114A-R1a</b>
<b>Reagent R2a</b>	<b>DZ114A-R2a</b>
<b>R1 Diluent</b>	<b>DZ114A-R1D</b>
<b>R2 Diluent</b>	<b>DZ114A-R2D</b>
<b>Low Calibrator</b>	<b>DZ114A-S1</b>
<b>High Calibrator</b>	<b>DZ114A-S2</b>

Supplier: **Diazyme Laboratories**  
12889 Gregg Court  
Poway, CA 92064, USA  
858-455-4754Manufacturer: **Diazyme Laboratories**  
12889 Gregg Court  
Poway, CA 92064, USA  
858-455-4754Authorized Representative: **MDSS GmbH**  
Schiffgraben 41  
30175 Hannover  
Germany

In case of Emergency: Call Diazyme Laboratories (858-455-4754)

Intended Use: Refer to the instruction booklet for proper and intended use. Otherwise, contact supplier for specific applications.

**SECTION 2: HAZARDOUS INGREDIENTS**

To the best of our knowledge, these reagents contain no hazardous substances in reportable quantities, and no hazardous chemicals as classified by CHIP 3.

NOTE: Physical and health hazard information on reagent mixtures has not been determined. Any physical and health information noted is based on 1) evaluation of data for the pure ingredients, and 2) concentration of ingredients as packaged.

**SECTION 3: HAZARD IDENTIFICATION**

- Warnings:** For in vitro diagnostic use only. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice. May cause irritation to skin and eyes, may be irritating to mucous membranes and upper respiratory tract. Avoid contact with skin, avoid inhalation and ingestion.
- Risk phrases:** None.
- Safety Phrases:** S24/25; Avoid contact with skin and eyes (Calibrators only).

**SECTION 4: FIRST AID MEASURES**

- Emergency First Aid:** Call an internal First Aider where available or contact a physician immediately.
- Inhalation:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
- Ingestion:** If swallowed wash out mouth with water provided person is conscious, call a physician.
- Skin Contact:** In case of skin contact immediately wash skin with soap and copious quantities of water.
- Eye Contact:** Flush with copious amounts of water for least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Call a physician.

**SECTION 5: FIRE FIGHTING MEASURES**

- Flash point:** Not determined.
- Flammable limits:** Not determined.
- Extinguishing media:** No restriction.
- Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
- Unusual Fire and Explosion Hazards:** May emit toxic fumes under fire conditions.
- Thermal decomposition:** Not determined.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- After spillage:** Use appropriate spill absorbent kit as instructed by the manufacturer. Alternatively, mop up with an absorbent material and hold for waste disposal. Appropriate Person Protective Equipment should be worn, e.g. laboratory coat, gloves, safety glasses and mask. Ventilate area and wash spill site after material pick up is complete.
- Absorbent material:** No restriction.

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### SECTION 7: HANDLING AND STORAGE

**Handling:** Wash thoroughly after handling. Do not use if skin is cut or scratched. Avoid contact with eyes, skin and clothing.  
**Storage:** Store at temperatures and conditions as indicated on the product label.

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### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**MEL/ORS:** Not determined.  
**Respiratory Protection:** None.  
**Eye protection:** Protective glasses.  
**Hand protection:** Standard laboratory rubber or latex gloves.  
**Skin protection:** A laboratory coat or apron is recommended.

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid (Buffer, Diluent and Calibrators)  
Solid (Substrate and Enzyme)  
**Color:** Colorless (Buffer, Diluent and Calibrators)  
Yellow (Substrate)  
Pale green (Enzyme)  
**Odor:** Odorless  
**pH value:** Not determined  
**Boiling Point:** Not determined  
**Freezing/Melting Point:** Not determined  
**Oxidizing properties:** Not determined  
**Ignition Temperature:** Not determined  
**Explosion Limits:** Not determined  
**Density:** Not determined  
**Solubility in water:** Soluble

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### SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal temperatures and pressures.  
**Conditions to Avoid:** Not determined.  
**Incompatibilities with Other Materials:** Strong oxidizing agents and acids.  
**Hazardous Decomposition Products:** Not determined.  
**Hazardous Polymerization:** Will not occur.

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### SECTION 11: TOXICOLOGICAL INFORMATION

**LD50 oral:** Not determined.  
**LD50 intraperitoneal:** Not determined.  
**LD50 skin:** Not determined.  
**LC50 inhalation:** Not determined.  
**Other:** The toxicological properties have not been fully investigated.

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### SECTION 12: ECOLOGICAL INFORMATION

**Water hazard class:** Data not yet available.

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### SECTION 13: DISPOSAL CONSIDERATIONS

Each disposal facility must determine proper disposal methods of the substance or preparation and any contaminated packaging to comply with local and national environmental regulations.

Refer to Section 6.

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**SECTION 14: TRANSPORTATION INFORMATION**

	<b>IATA</b>	<b>IMO</b>	<b>RID/ADR</b>
<b>Shipping Name:</b>	Not regulated.	Not regulated.	Not regulated.
<b>Hazard Class:</b>			
<b>UN Number:</b>			
<b>Packing Group:</b>			

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**SECTION 15: REGULATORY INFORMATION**

These reagents contain no hazardous chemicals in reportable quantities according to CHIP 3.

**Hazard Symbols:** None

**Risk Phrases:** None

**Safety Phrases:** S 24/25; Avoid contact with skin and eyes (Calibrators only)

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**SECTION 16: OTHER INFORMATION**

PREPARED BY: Diazyme Administration  
PHONE NO: 858-455-4754  
DATE PREPARED: 5 July 2006

The information provided on this Material Safety Data Sheet is provided in the interest of promoting safe handling of the material. While this information is believed to be correct Diazyme makes no warranty in respect to any of the information disclosed. Observe all federal, provincial, state and local laws concerning health and pollution.