



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

Responsible Name: Diazyme Administration  
Effective 08/07/08

**SECTION 1: PRODUCT and COMPANY IDENTIFICATION**

<b>PRODUCT NAME:</b> Creatinine Enzymatic Assay Liquid Reagents Reagent R1 Reagent R2 Creatinine Calibrator	<b>CATALOG #</b> DZ072B DZ072B-R1 DZ072B-R2 DZ072B-CAL
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Supplier: **Diazyme Laboratories**  
12889 Gregg Court  
Poway, CA 92064, USA  
858-455-4754

Manufacturer: **Diazyme Laboratories**  
12889 Gregg Court  
Poway, CA 92064, USA  
858-455-4754

Authorized 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, this product contains no hazardous ingredients as defined by OSHA, or WHMIS.

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. All information listed has been obtained from the manufacturers of the raw materials.

**SECTION 3: FIRST AID MEASURES**

**Oral Exposure:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.  
**Inhalation Exposure:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.  
**Dermal Exposure:** In case of contact, immediately wash skin with soap and copious amounts of water.  
**Eye Exposure:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**SECTION 4: FIRE FIGHTING MEASURES**

**Flash Point:** N/A  
**Autoignition Temp:** N/A  
**Flammability:** N/A  
**Extinguishing Media:** Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.  
**Firefighting:** Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s); Emits toxic fumes under fire conditions.

**SECTION 5: ACCIDENTAL RELEASE MEASURES**

**Personal Precaution(s):** Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.  
**Clean Up Methods:** Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**SECTION 6: HANDLING AND STORAGE**

**Handling:** User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.  
**Storage:** Suitable: Keep tightly closed.

**SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Safety shower and eye bath. Mechanical exhaust required.

**PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory:** Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.  
**Hand:** Protective gloves  
**Eye:** Chemical safety goggles.

**GENERAL HYGIENE MEASURES**

Wash thoroughly after handling.

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<b>Appearance Physical State:</b>	Liquid	<b>SG/Density:</b>	N/A	<b>Decomposition Temp.:</b>	N/A
<b>Color:</b>	Yellow	<b>Bulk Density:</b>	N/A	<b>Flash Point:</b>	N/A
<b>Form:</b>	N/A	<b>Odor Threshold:</b>	N/A	<b>Explosion Limits:</b>	N/A
<b>Molecular Weight:</b>	N/A	<b>Volatile%:</b>	N/A	<b>Flammability:</b>	N/A
<b>pH:</b>	8.25	<b>VOC Content:</b>	N/A	<b>Autoignition Temp:</b>	N/A
<b>BP/BP Range:</b>	N/A	<b>Water Content:</b>	N/A	<b>Refractive Index:</b>	N/A
<b>MP/MP Range:</b>	N/A	<b>Solvent Content:</b>	N/A	<b>Optical Rotation:</b>	N/A
<b>Freezing Point:</b>	N/A	<b>Evaporation Rate:</b>	N/A	<b>Miscellaneous Data:</b>	N/A
<b>Vapor Pressure:</b>	N/A	<b>Viscosity:</b>	N/A	<b>Solubility:</b>	N/A
<b>Vapor Density:</b>	N/A	<b>Surface Tension:</b>	N/A		
<b>Saturated Vapor Conc.:</b>	N/A	<b>Partition Coefficient:</b>	N/A		

N/A = not available

**SECTION 9: STABILITY AND REACTIVITY****STABILITY**

<b>Stable:</b>	Stable
<b>Conditions to Avoid:</b>	N/A
<b>Materials to Avoid:</b>	N/A

**HAZARDOUS DECOMPOSITION PRODUCTS** N/A**HAZARDOUS POLYMERIZATION** - Will not occur.**SECTION 10: TOXICOLOGICAL INFORMATION****ROUTE OF EXPOSURE**

<b>Skin Contact:</b>	May cause skin irritation.
<b>Skin Absorption:</b>	May be harmful if absorbed through the skin.
<b>Eye Contact:</b>	May cause eye irritation.
<b>Inhalation:</b>	Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
<b>Ingestion:</b>	May be harmful if swallowed.

**SIGNS AND SYMPTOMS OF EXPOSURE**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**TOXICITY DATA** - N/A**SECTION 11: ECOLOGICAL INFORMATION**

No Data Available

**SECTION 12: DISPOSAL CONSIDERATIONS****APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION**

Observe all federal, state, and local environmental regulations in the country of use when disposing of this product.

**SECTION 13: TRANSPORTATION INFORMATION****DOT**

Proper Shipping Name: None Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

**IATA**

Non-Hazardous for Air Transport: Non-hazardous for air transport.

**SECTION 15: REGULATORY INFORMATION****UNITED STATES REGULATORY INFORMATION**SARA LISTED: N/A  
TSCA INVENTORY ITEM: N/A**CANADA REGULATORY INFORMATION**WHMIS Classification: N/A  
DSL: N/A  
NDSL: N/A



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**SECTION 16: OTHER INFORMATION**

PREPARED BY: Diazyme Administration  
PHONE NO: 858-455-4754  
DATE PREPARED: 2008-08-06

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.