

SAFETY DATA SHEET MEASURE LDH IFCC

1. IDENTIFICATION OF PRODUCT AND SUPPLIER

Product name: MEASURE LDH IFCC R-1 , R-2

Manufacturer: UMA Co., Ltd.

2-19-6, Yokosuka, Matsudo, Chiba, 270-0031, Japan
Tel: +86-47-710-4871
Fax: +86-47-710-4872

2. CHEMICAL CHARACTERIZATION / INFORMATION ON INGREDIENTS

R-1: L-Lactic acid lithium salt 0.8% , CAS; 27848-80-2

Dietanolamine 4%, CAS 111-42-2

R-2: NAD 1.99%, CAS; 53-84-9

Bioace 0.03%

3. HAZARDS IDENTIFICATION

ROUTE OF ENTRY/EXPOSURE

SKIN CONTACT: [x] EYE CONTACT: [x] INHALATION: [x] INGESTION: [x] SKIN ABSORPTION [x]

Effects of acute exposure:

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

INGESTION: May be harmful if ingested.

INHALATION: May cause irritation to mucous membranes and upper respiratory tract.

Effects of chronic exposure: No data available.

SENSITIZATION TO PRODUCT: Not Available

SYNERGISTIC PRODUCTS: Not Available

LD50: MOPSO: Not Available

4. FIRST AID MEASURES

SKIN: In case of contact, immediately flush area with plenty of water.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

ORAL: If ingested drink plenty of fluids and contact a physician.

INHALATION: If inhaled move victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen, and call physician.

5. FIRE-FIGHTING MEASURES

Flammable: NO

Extinguishing media: As appropriate for fire in surrounding materials.

Flash point: Not Applicable

Upper flammable limit: Not Applicable

Lower flammable limit: Not Applicable

Autoignition temperature: Not Applicable

Hazardous combustion products: No data

Explosion data

Sensitivity to mechanical impact: Not Applicable

Sensitivity to static discharge: Not Applicable

Unusual fire and explosion hazards: No Data

6. ACCIDENTAL RELEASE MEASURES

Local exhaust: Not Required

Protective clothing: Lab Coat

Protective gloves:	Rubber/Latex
Eye protection:	Safety glasses
Other precautions:	Avoid contact and inhalation, do not get in eyes, on skin or clothing. Do not pipet by mouth. Wash contaminated clothing before reuse.
Respiratory protection:	None normally required.
Leak and spill procedure:	Absorb small leaks or spills with sponge, mop up large spills with plenty of soap and water..

7. HANDLING AND STORAGE

Handling:	Normal precautions for handling chemicals must be observed.
Storage:	Store between +2°C and +8°C
Shipping regulations:	Not regulated

8. EXPOSURE CONTROLS / PERSONNEL PROTECTION

See 6.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Reagents are provided as stable liquids.
Appearance and odor:	Reagents are clear and colorless.
Odor threshold:	Odorless
Vapor pressure:	Not Available
Vapor density:	Not Available
Specific gravity:	Not Available
Evaporation rate:	Not Available
Melting point:	Not Available
Boiling point:	Not Available
Solubility in water:	Not Applicable
pH:	Reagent = 9.00
Coefficient of oil/water distribution:	Not Available

10. STABILITY AND REACTIVITY

Stable:	Yes
Hazardous polymerization:	Will not occur.
Incompatibility with other substances:	Caution, contains Sodium Azides, in contact with heavy metals, may form explosive metal azides.
Hazardous decomposition products:	Not Available

11. TOXICOLOGICAL INFORMATION

See 3.

12. ECOLOGICAL INFORMATION

Water Hazard Class: Data not yet available.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Dilute with large volumes of water and dispose of into sewer system, in accordance with local regulations.

14. TRANSPORT INFORMATION

Shipping information: Not regulated

15. REGULATORY INFORMATION

Not applicable.

16. OTHER INFORMATION