
Safety Data Sheet

CRE Standard

1. Product and Company Identification

Name: **CRE Standard**

Manufacturer's name: UMA Co., Ltd.

Address: 2-19-6, Yokosuka, Matsudo, Chiba, 270-0031, Japan

TEL: +81-47-710-4871

FAX: +81-47-710-4872

2. Composition/ information on Hazardous ingredients

* Hazardous Ingredients Contains HCl(final concentration 0.1N)

3. Hazard Identification

* Physical Hazards No physical hazards were determined from a review of literature.

* Human Health Effects and Symptoms of Acute Exposure

Eye contact with reagents may cause burns with disintegration of conjunctival and corneal epithelium.

4. First Aid Measures

* Inhalation If inhaled,remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

* Skin Contact In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a Physician.

* Eye Contact In case of eye contact, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a Physician.

* Ingestion If ingested, wash out mouth with water. Call a physician.

5. Fire fighting measures

* Suitable Extinguishing Media

Use extinguishing media suitable for surrounding fire

* Extinguishing Media Not to be Used

Not applicable

* Products of Combustion

Due to the nature and volume of this product, the type and amount of
Call a Physician..

* Special Exposure Hazards

No special hazards determined.

* Protective Equipment for Firefighters

Self-contained breathing apparatus is recommended for firefighters.

6. Accidental Release Measures

* Personal Precaution

Avoid inhaling,ingestion,and contact with eyes and skin. Isolate hazard area and deny entry. Keep unnecessary people away.

* Clean-Up methods

Render spilled materials manageable for clean-up using an appropriate, inert,non-flammable absorbent material. Dispose according to local regulations.

7. Handling and Storage

* Storage Condition

Keep only in the container in at 4°C.

* Handling Precautions

Avoid inhaling, ingestion, and contact with eyes and skin.

Universal precautions should be followed when using this product.

8. Exposure Controls/Personal Protection

* Respiratory Protection

General room ventilation is satisfactory for normal useage.

In case of insufficient ventilation, wear suitable respiratory equipment.

* Hands Protection

Wear suitable gloves.

* Eye Protection

Wear eye/face protection

* Skin protection

Wear suitable protective clothing

9. Physical and Chemical Properties

* Appearance

Physical State Nonflammable aqueous solution

Color Density Not available

Color colorless

* Odor odorless

* pH 7.6

* Flash Point NA

* Percent Volatiles NA

* Evaporation Rate NA

* Solubility Water/Miscible

* Density 1.0022

10. Stability and reactivity

* Conditions to Avoid

Refer to " Storage Conditions" in section 7.0 for greater detail.

* Hazardous Decomposition Materials

When stored as labeled, no known hazardous decomposition products are formed during the self-life of this product.

* Stability

Stable under 4°C.

11. Toxicological information

* Toxicological Statement

This preparation has not been tested as a whole. The health effects described here are based on the toxicological properties of the individual dangerous ingredients.

* Routes of Exposure

Eyes, ingestion, inhalation, and skin

* Potential effects of Exposure

This product contains sodium azide and should be considered as potentially capable of transmission.

* Reproductive Toxicity No data available

* Teratogenicity No data available

* Mutagenicity No data available

12. Ecological information

* Environmental Impact

When used for its intended purpose and handled and disposed of properly, this preparation causes no known adverse ecological effects.

13. Disposal Considerations

* Waste Disposal

Determine whether the waste from spill clean-ups, expired or excess reagents is hazardous waste in according with applicable regulations. If it is hazardous waste, it must be disposed of according to applicable federal, state and local laws and regulations.

14. Transport information

* This product is non-hazardous

15. Regulatory information

*No information found

16. Other information

* For further information, please contact our company.