

Reviewed on 2008/09/29

1. Product and Company InformationProduct Name : 20mM MgCl₂

Product Number : N/A(Buffer)

Company : Bioneer

Address : BIONEER CORPORATION

49-3, Munpyeong-dong, Daedeok-gu, Daejeon 306-220, Korea

Technical Phone: +82-042-930-8523

2. Composition/Information on Ingredient**Hazardous/Non-hazardous Components**

The product contains no substances which at their given concentration, are considered to be hazardous to health

3. Hazards Identification.

The product is classified and labelled in accordance with Directive 1999/45/EC

Classification**Indication of danger**

Not hazardous

4. First Aid Measures.

Skin contact : Wash off immediately with plenty of water

Eye contact : Rinse thoroughly with plenty of water, also under the eyelids.

Ingestion : Never give anything by mouth to an unconscious person

Inhalation : Move to fresh air

Notes to physician : Treat symptomatically

5. Fire Fighting Measures.

Suitable extinguishing media : Dry chemical

Special protective equipment for firefighters.: Wear self-contained breathing apparatus and protective suit

6. Accidental Release Measures

Personal precautions : Use personal protective equipment
Methods for cleaning up : Soak up with inert absorbent material

7. Handling / Storage

Handling : No special handling advice required
Storage : Keep in properly labelled containers

8. Exposure Controls / Personal Protection

Exposure Limits
Engineering measures : Ensure adequate ventilation, especially in confined areas
Personal protective equipment
Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment
Hand protection : Impervious gloves.
Eye protection : Safety glasses with side-shields
Skin and body protection : Lightweight protective clothing.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls : Prevent product from entering drains..

9. Physical / Chemical Properties

General Information
Form : Liquid
Important Health Safety and Environmental Information
Boiling point/range °C No data available °F No data available
Melting point/range °C No data available °F No data available
Flash point °C No data available °F No data available
Autoignition temperature °C No data available °F No data available
Oxidizing properties : No information available
Water solubility : No data available

10. Stability / Reactivity

Stability : Stable under normal conditions.
Materials to avoid : No information available

Hazardous decomposition products : No information available

Polymerization : Hazardous polymerisation does not occur

11. Toxicological Information

Acute toxicity

Principle Routes of Exposure/

Potential Health effects

Eyes : No information available.

Skin : No information available.

Inhalation : No information available

Ingestion : No information available

Specific effects

Carcinogenic effects : No information available

Mutagenic effects : No information available

Reproductive toxicity : No information available

Sensitization : No information available

Taeget Organ Effects : No information available.

12. Ecological Information

Ecotoxicity effects : No information available.

Mobility : No information available.

Biodegradation : No information available.

Bioaccumulation : Does Notbioaccumulate.

13. Disposal Considerations

Dispose of in accordance with local regulations.

14. Transport Information

IATA

Proper shipping name : Not classified as dangerous in the meaning of transport regulations

Hazard Class : No information available

Subsidiary Class : No information available

Packing group : No information available

UN-No : No information available

15. Regulatory Information**Indication of danger**

Not Hazardous

R -phrase(s)

No information available

S -phrase(s)

No information available

International Inventories**16. Other Information**

This information is based on our present knowledge and shall be used only as a guide. However, this shall not constitute a guarantee for any specific product features. BIONEER is not held liable for any damage resulting from handling or from contact with the above products.