

Reviewed on 2008/09/29

1. Product and Company Information**Product details**

Product Number : D-1010

Product Name : 10bp DNA ladder

Company

BIONEER CORPORATION

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

82-42-930-8523

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

| | |
|-------------------------------|----------|
| Physical state | Liquid |
| Color | Blue |
| Odor | odorless |
| Boiling point / Boiling range | N/A |
| Melting point / Melting range | N/A |
| Freezing point | N/A |
| Vapor Pressure | N/A |
| Vapor Density | N/A |
| Volatile % | N/A |
| Flash point | N/A |
| Autoignition Temp | N/A |

| | |
|----------------------|-----|
| specific gravity | N/A |
| Density | N/A |
| Solubility | N/A |
| N/A = not available. | |

10. Stability / Reactivity

Stability : Stable.
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

Target Organ Effects : No information available

12. Ecological Information

Ecotoxicity effects : No information available.
Mobility : No information available.
Biodegradation : Inherently biodegradable.
Bioaccumulation : Does not bioaccumulate.

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

In accordance with local and national regulations, the preparation is non-dangerous in accordance with Directive 1999/45/EC

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.