

Reviewed on 2008/09/29

**1. Product and Company Information**

**Product details**

Product Number : D-1040

Product Name : 1Kb 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-hardous 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.