

Reviewed on 2008/09/29

**1. Product and Company Information**

Product Name : 100mM DTT

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 immediately 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  
**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 Not bioaccumulated.

**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****Korea regulatory information**

None of the ingredients listed.

**In accordance with local and national regulations, The product is classified and labelled in accordance with Directive 1999/45/EC.**

**Indication of danger**

Not Hazardous

**R -phrase(s)**

No information available

R36/38 - Irritating to eyes and skin

**S -phrase(s)**

S24/25 - Avoid contact with skin and eyes

**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.