

PRODUCT AND COMPANY INFORMATION

- ◆ **Product name:** GeneBlaster™ reagents
- ◆ **Catalog number:** GB-20010; GB-20011; GB-20012; GB-20013.
- ◆ **Chemical name or synonyms:**
- ◆ **Formula:**
 - GeneBlaster Ruby
 - GeneBlaster Sapphire
 - GeneBlaster Topaz
- ◆ **Contact:**

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HAZARDOUS INGREDIENTS

This product contains hazardous ingredients (yes; no; not available; n/i): **NO**
This product contains hazardous carcinogens (y; n; n/a; n/i): **NO**

HEALTH HAZARD DATA

- ◆ **Health Effects:**
Could be irritating for the skin, eyes and respiratory system. Presence of 0.05% DMSO in water.
- ◆ **Primary Routes of Entry:** Inhalation and ingestion; skin or eye contact from splashes possible.
- ◆ **Medical Conditions Aggravated by Exposure:** Not known.
- ◆ **Emergency First Aid Procedures:**
 - **Eyes contact** – Flush contaminated eye(s) with large volumes of water for at least 15 minutes. Get medical attention if eye(s) remain irritated.
 - **Skin contact** – Flush contaminated areas with large volumes of water for at least 15 minutes. Wash skin with soap and water. Remove contaminated clothing. Get medical attention if skin remains irritated. Wash contaminated clothing before reuse.
 - **Ingestion** – Keep victim warm and calm. Wash out mouth with water if the person is conscious. Get immediate medical attention.
 - **Inhalation** – Move victim to fresh air. Give oxygen if breathing becomes difficult.

CHEMICAL DATA

- ◆ **Boiling Point:** ~99.99°C (in buffer)
- ◆ **Vapor Pressure:** ~22.7 at 25°C (dissolved)
- ◆ **Vapor density:** ND
- ◆ **Solubility in Water:** Product should be soluble in water
- ◆ **Specific Gravity (water = 1):** ~1 (dissolved)
- ◆ **Percent volatile by volume:** N/A
- ◆ **Evaporation Rate:** ~1 (dissolved)
- ◆ **Appearance and odor information:** Colorless and odorless film with colorless hydration solution.

PHYSICAL HAZARD DATA

- ◆ **Flash Point:** >200°C
- ◆ **UEL:** N/A
- ◆ **Flammable limits-LEL:** N/A
- ◆ **Extinguishing Media:**
No specific information is known of the flash points or explosion limits. Use media specific for site conditions.
- ◆ **Special Fire Fighting Procedures:**
Wear self-contained breathing apparatus and protective garments. If possible, have this product removed from fire scene.
- ◆ **Unusual Fire and Explosion Hazards:**
N/A.

REACTIVITY DATA

- ◆ **Incompatibility (material to avoid):**
Strong oxidant agents,
- ◆ **Hazardous Decomposition Products:**
Acidic gases, carbon monoxide, carbon dioxide.
- ◆ **Will Hazardous Polymerization Occur:**
No.
- ◆ **Is the product stable (y; n; n/a; n/i):**
Yes, under normal handling and storage conditions.
- ◆ **Condition to avoid/stability:**
Excess heat, flame or pressure.

SPILL AND LEAK PROCEDURES

- ◆ **Steps to be taken in Case Material is Released or Spilled:**
Initiate cleaning up immediately. Use an absorbent material to contain/pick up the spilled solution. Once spent, place all the contaminated disposables into a suitable container, seal, label and dispose
- ◆ **Waste Disposal Method:**
Contact a licensed professional waste disposal service to dispose of this material. Dispose in accordance with governmental environmental regulations.

EXPOSURE CONTROL INFORMATION

- ◆ **Ventilation Data:**
Provide adequate general exhaust ventilation.
- ◆ **Respiratory Protection:**
None required if ventilation is adequate.
- ◆ **Protective Gloves:**
Rubber or chemical resistant gloves should be worn.
- ◆ **Other Protective Equipment:**
Safety glasses with side shields are advised. Eye wash stations and deluge showers should be also available. Finally, a lab coat should be worn.
- ◆ **Other Engineering Controls:**
None.
- ◆ **Work Practices:**
Good laboratory technique should be used when handling this product. Do not mouth pipette. Observe appropriate chemical hygiene. Avoid contact with skin or eyes.
- ◆ **Hygienic Practices:**
Do not eat, drink or smoke while working with reagents. Upon completion of work activities involving this product, wash any exposed body areas thoroughly with soap and water

SPECIAL PRECAUTIONS

- ◆ **Precaution to be taken in Handling and Storage:**
See package insert for storage information.
- ◆ **Maintenance Precautions:**
None.
- ◆ **Other Precautions:**
None.
- ◆ **Other Comments:**
N-No, Y-Yes, N/A-Not Applicable, N/I-No Information.
The information provided is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. OZ Biosciences shall not be held liable for any damage resulting from handling or from contact with the product.