

MATERIAL SAFETY DATA SHEET

50X Repair Mix

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 50X Repair Mix
Description: Laboratory Reagent
Product Number: 20250
MSDS Issued: May 9, 2013

Manufacturer: BioNano Genomics
Address: 9640 Towne Centre Drive
San Diego, CA 92121
Telephone: (858) 888-7600

2 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Percent Composition	Exposure Limit or Threshold Level
dNTP	None	<1%	N/A
dATP	None	<1%	N/A
dCTP	None	<1%	N/A
dTTP	None	<1%	N/A
TE buffer		100%	N/A

3 HAZARDS IDENTIFICATION

This material is not considered hazardous, or is not present above 1%, or is not a carcinogen above 0.1% as defined in 29-CFR 1910.1200, the OSHA hazard communication standard. Therefore, a material specific data sheet is not required. We recommend all chemicals with caution.

4 FIRST AID MEASURES

Eye Contact: Immediately flush with large quantities of water for at least fifteen minutes. Avoid accidental consumption of rinsate while treating eyes. Seek medical attention.

Skin Contact: Wash material from skin using water and soap. Wash contaminated clothing before reuse. Seek medical attention if irritation occurs.

Ingestion: Wash out mouth with water if person is conscious. Do not give anything by mouth if victim is unconscious. Seek medical attention immediately. Call local poison control center.

Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if necessary.

5 FIRE FIGHTING MEASURES

Extinguishing Media: Extinguish fire using agent suitable for surrounding fire conditions.

Special Firefighting Procedures: Wear self-contained breathing apparatus and protective clothing. Avoid direct contact with runoff from fire fighting.

Unusual Fire & Explosion Hazards: None.

6 ACCIDENTAL RELEASE MEASURES

Spill Control: Absorb small spills with paper towels or absorbent materials. Avoid contact to self and others with proper protective equipment. Large spills may require the use of self-contained breathing apparatus or air purifying respirator, disposable coveralls, goggles, gloves, and rubber boots. Solid residues from spill cleanup may not be suitable for municipal solid waste disposal. Consult local or state authorities with regard to recommended method of disposal.

7 HANDLING AND STORAGE

Storage: Store at -20°C, Light sensitive. Protect material from long term exposure to light, maybe exposed to light for short periods of time.

8 EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection: Safety glasses or goggles.
Hand Protection: Latex, nitrile or vinyl gloves.

Respiratory Protection: None, if used according to directions.
Ventilation: Use in a well-ventilated laboratory.
Other Protective Equipment: Lab coat or apron.

Safety shower and eye wash facilities should be made available in laboratory.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid, pinkish in color.
Odor: Odorless
Solubility: Water soluble.

10 STABILITY AND REACTIVITY

Incompatibility: None.
(materials to avoid)

Stability: Stable.
Hazardous Polymerization: None.
Conditions to Avoid: Light sensitive. Protect material from long-term exposure to light, maybe exposed to light for short periods of time.

11 TOXICOLOGICAL INFORMATION

No components greater than 0.1% of this product are listed in IARC and NTP.

To the best of our knowledge, the chemical, physical, and toxicological properties of this product have not been thoroughly investigated.

12 ECOLOGICAL INFORMATION

Data not yet available.

13 DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Liquid waste from the use of this product may not be suitable for discharge into municipal sewer system.

14 TRANSPORTATION INFORMATION

To the best of our knowledge, this product is not regulated as a hazardous material.

15 REGULATORY INFORMATION

European Information:

Caution: Substance not yet fully tested.

16 OTHER INFORMATION

Limitations: The information and recommendations set forth in this MSDS are believed to be correct as of this date. BioNano Genomics makes no warranty with respect to the content of this MSDS and disclaims all liability from reliance thereon.