

Bioland Scientific LLC

Material Safety Data Sheet

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name	2x DNA Loading Buffer
Product Number	DSB02
Brand	Bioland Scientific LLC
Company	Bioland Scientific LLC 14925 Paramount Blvd., Suite C Paramount, CA 90723 USA
Telephone	1-562-377-2668
Fax	1-562-733-6008
Emergency Phone #	1-562-377-2668

2. COMPOSITION/INFORMATION ON INGREDIENTS

1. Ficoll-400	5%	Cas.# 26873-85-8
2. EDTA	0.83%	Cas.# 60-00-4

The ingredients listed in this section include only those items that have more than 1% of a component classified as hazardous and 0.1% of a component classified as carcinogenic. If you have any questions, please contact info@neb.com.

3. HAZARDS IDENTIFICATION

Emergency Overview: May cause irritation to eyes.

HMIS and NFPA Ratings: 0 – Minimal or None, 1 – Slight, 2 – Moderate, 3 – Serious, and 4 – Severe

Health: 0
Flammability: 0
Reactivity: 0

4. FIRST AID MEASURES

Eyes: Flush eyes with water as a precaution.

Skin: Wash skin with soap and copious amount of water.

Ingestion: If the person is conscious, wash out mouth with water. Call a physician.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray. Alcohol-resisant foam, dry chemical or carbon dioxide.

Special Fire Fighting Procedures: Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Fire and Explosion Hazards: Wear self contained breather apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid dust mixed with mist or liquid formation.

Environmental Precautions: Do not let product enter drains.

Methods For Cleaning Up: Sweep up solid material and shovel. Absorb and soak liquid with inert material. Keep in suitable, closed containers for disposal covered.

7. HANDLING AND STORAGE

Handling: Provide appropriate exhaust ventilation at place where dust formed. Normal measure for preventive fire protection.

Storage: Keep tightly closed in a dry and well ventilated place.

8.EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Safety shower and eye wash. Mechanical exhaust.

Personal Protective Equipment:

Eye Protection: Safety glasses.

Hand Protection: For prolonged or repeated contact use compatible resistant gloves.

Respiratory Protection: None required.

Hygiene Measure: General industrial hygiene practice

9.PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Color: Clear
<u>Property</u>	<u>Value</u> <u>Temperature or Pressure</u>
Boiling point:	No data available
Melting point :	No data available
Flash point:	No data available
Ignition temperature:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Solubility in Water:	Soluble

10.STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Product formed under fire conditions. Carbon oxides

11.TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Irritation and corrosion

no data available

Sensation

no data available

Chronic Exposure

No data available.

Signs and Symptoms of Exposure

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

Eye Contact: May cause irritation.

Skin Contact: May be harmful if absorbed through skin. May cause skin irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. May cause of respiratory tract irritation.

12.ECOLOGICAL INFORMATION

No data available.

13.DISPOSAL CONSIDERATIONS

Dispose of container, unused contents and contaminated packaging in accordance with federal, state and local requirement. Contract with a licensed Chemical Waste Disposal Service.

14.TRANSPORTATION INFORMATION

This product is not dangerous and no special precautions are needed according to DOT (US), IMDG, IATA.

15.REGULATORY INFORMATION

OSHA Hazards: None known.

US Classification and Label Test

US Statements: Caution. Avoid contact and inhalation.

United States Regulatory Information:

Sara Listed: No

TSCA Inventory Item: Yes

Canada Regulatory Information

WHMIS Classification: This product contains components listed on the Canadian NDSL list. All other components are on the candidian DSL

list. Sucrose, epichlorohydrin copolymer.

DSL: Yes

NDSL: No

EU Additional Classification

S: 23 24/25

16.OTHER INFORMATION

Disclaimer:

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