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## MATERIAL SAFETY DATA SHEET

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**NEB# B7021**

### SECTION 1—CHEMICAL INFORMATION

Product Name: Gel Loading Dye, Blue (6X)

Cas.# None

### SECTION 2—COMPOSITION/INFORMATION ON INGREDIENT

- |               |      |                  |
|---------------|------|------------------|
| 1. Ficoll-400 | 15%  | Cas.# 26873-85-8 |
| 2. EDTA       | 2.5% | 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.

### SECTION 3—HAZARDOUS 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

### SECTION 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.

### SECTION 5—FIRE FIGHTING MEASURES

**Extinguishing Media:** Water spray. Alcohol-resistant 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.

### SECTION 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.

## SECTION 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.

## SECTION 8—EXPOSURE CONTROLS/PPE

**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

## SECTION 9—PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid      Color: Clear

<b>Property</b>	<b>Value</b>	<b>Temperature or Pressure</b>
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	

## SECTION 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

## SECTION 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.

## SECTION 12—ECOLOGICAL INFORMATION

No data available.

## SECTION 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.

## SECTION 14—TRANSPORT INFORMATION

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

## SECTION 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 Canadian DSL list. Sucrose, epichlorohydrin copolymer.

**DSL:** Yes

**NDSL:** No

**EU Additional Classification**

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## SECTION 16—OTHER INFORMATION

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