

**Plasmid DNA Elution (p) buffer MSDS**

**MATERIAL SAFETY DATA SHEET**

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**SECTION 1. CHEMICAL IDENTIFICATION**

NAME: Plasmid DNA elution (p) buffer  
SUBSTANCE: buffer, pH 7 - 9  
CAS#: None

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

CAS#: 1185-53-1  
MF: N.A.  
EC Number: Not Assigned  
SYNONYMS: N.A.  
Plasmid DNA TRIS elution (p) buffer is considered non hazardous.

CAS#: 7732 18 5  
WATER 99+%

**SECTION 3. HAZARDS IDENTIFICATION**

NFPA Ratings (SCALE 0-4): HEALTH=0-1 FIRE=0-1 REACTIVITY=0  
NON HAZARDOUS OR SLIGHTLY HAZARDOUS  
CARCINOGEN STATUS:  
-OSHA: No.  
-NTP: No.  
-IARC: No.

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### **SECTION 4. FIRST-AID MEASURES**

SEEK MEDICAL ASSISTANCE FOR ANY OVEREXPOSURE.

SKIN: Wash thoroughly with soap and water.

EYES: Immediately flush thoroughly with water for at least 15 minutes.

INGESTION: If conscious drink copious amounts of water. Never give anything by mouth to an unconscious person. Obtain medical attention.

### **SECTION 5. FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA: Will not burn. Use extinguishing agents appropriate for surrounding fire.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None, not a fire hazard.

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Absorb material and collect in an appropriate container for disposal. Wash spill site with soapy water.

### **SECTION 7. HANDLING AND STORAGE**

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances. Store 4°C

### **SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

EXPOSURE LIMITS: No occupational exposure limits established.

CHEMICAL SAFETY GOGGLES.

SAFETY SHOWER AND EYE BATH.

COMPATIBLE CHEMICAL-RESISTANT GLOVES (PVC, RUBBER OR NITRILE).

AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

KEEP TIGHTLY CLOSED.

STORE 4°C.

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

SPECIFIC GRAVITY: 1

APPEARANCE: Colorless liquid.

ODOR: Odorless.

BOILING POINT: 100°C.

WATER SOLUBILITY: N.A.

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### **SECTION 10. STABILITY AND REACTIVITY**

REACTIVITY: Stable at normal temperatures and pressure.  
INCOMPATIBILITIES: Strong oxidizing agents.  
HAZARDOUS POLYMERIZATION: Will not occur.  
DECOMPOSITION PRODUCTS: Does not decompose, no data.

### **SECTION 11. TOXICOLOGICAL INFORMATION**

INHALATION: No Data Available.  
SKIN CONTACT: No Data Available.  
EYE CONTACT: No Data Available.  
INGESTION: No Data Available.

### **SECTION 12. ECOLOGICAL INFORMATION**

Data Not Yet Available.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with all applicable regulations.

### **SECTION 14. TRANSPORT INFORMATION**

No classification assigned (DOT, Canadian, Land, Air & Maritime).

### **SECTION 15. REGULATORY INFORMATION**

TSCA INVENTORY STATUS: No.  
TSCA 12 (b) EXPORT NOTIFICATION: Not listed.  
CERCLA SECTION 103 (40CFR302.4): No.  
SARA SECTION 302 (40CFR355.30): No.  
SARA SECTION 304 (40CFR355.40): No.  
SARA SECTION 313 (40CFR372.65): No.  
SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40CFR370.21):  
    ACUTE: No.  
    CHRONIC: No.  
    FIRE: No.  
    REACTIVE: No.  
    SUDDEN RELEASE: No.  
OSHA PROCESS SAFETY (29CFR1910.119): No.  
STATE REGULATIONS:  
    CALIFORNIA PROPOSITION 65: No.  
CANADIAN REGULATIONS: Not assigned.  
EUROPEAN REGULATIONS: Not assigned.

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