

Plasmid DNA wash buffer B MSDS

MATERIAL SAFETY DATA SHEET

PhyNexus, Inc.
3670 Charter Park Drive, Suite A
San Jose, CA 95136
United States

Preparation Date: September 25, 2018
Printed Date: September 25, 2018
Technical Phone: 408-267-7214

SECTION 1. CHEMICAL IDENTIFICATION

NAME: Plasmid DNA wash buffer B
SUBSTANCE: buffer, pH 3 - 4
CAS#: None

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS#: 77-92-9
MF: N.A.
EC Number: Not Assigned
SYNONYMS: Citric Acid
Plasmid DNA wash buffer B is considered non hazardous.

CAS#: 77-86-1
MF: N.A.
EC Number: Not Assigned
SYNONYMS: TRIS
Plasmid DNA wash buffer B is considered non hazardous

CAS#: 7732-18-5
WATER 98+%

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.

Plasmid DNA wash buffer B MSDS

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.



Plasmid DNA wash buffer B MSDS

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.



PhyNexus, Inc.

Plasmid DNA wash buffer B MSDS

SECTION 16. ADDITIONAL INFORMATION

The information provided herein is believed to be accurate at the time of preparation or prepared from sources believed to be reliable. Users have the responsibility to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. PHYNEXUS MAKES NO WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED, AND IN NO WAY SHALL PHYNEXUS BE LIABLE FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY OR FOR LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES HOWSOEVER ARISING.

PhyNexus, Inc.

3670 Charter Park Drive, Suite A, San Jose, CA 95136

Tel: 408.267.7214 Fax: 408.267.7346

www.phynexus.com