

Date of Issue: 04/02/21

Version 00

Previous Date of Issue: N/A

Previous Version: N/A

Section 1. Product and Company Identification

Product Name: 10X Conjugation Buffer
Catalog No.: S-4002

Manufacturer/Supplier USA:

Vector Laboratories, Inc.

30 Ingold Road

Burlingame, CA 94010

United States

Tel: (650) 697-3600 Fax: (650) 697-0339

Email: vector@vectorlabs.com

For Research Grade Use Only.

Section 2. Hazards Identification

GHS Classification:

This product has been classified as non-hazardous based on the physical and/or chemical nature and/or concentration of ingredients.

GHS Label: Non-hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS: None

Section 3. Composition/Information on Ingredients

Component:	CAS#:	% by weight:
Sodium Phosphate, Dibasic	7558-79-4	25-45%
Sodium Chloride	7647-14-5	25-45%
Sodium Phosphate, Monobasic	10049-21-5	10-20%
Sodium azide	26628-22-8	<0.1%

No ingredients are hazardous according to OSHA criteria.

Section 4. First Aid Measures

Inhalation: Remove to fresh air.

Skin contact: Wash thoroughly with soap and water.

Eye Contact: Flush eyes with water as a precaution.

Ingestion: Do not induce vomiting. Wash out mouth with water.

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Section 5. Fire Fighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment: Use respirator for firefighting if necessary.

Section 6. Accidental Release Measures

Wear protective clothing to prevent contact with eyes and skin. Ensure adequate ventilation. Collect on absorbent material and dispose of according to federal, state and local environmental regulations.

Section 7. Handling and Storage

Handling: Use only with adequate ventilation. Wear eye protection and compatible chemical-resistant gloves. Handle in accordance with good industrial hygiene and safety practice.

Storage: Keep container tightly closed and store according to product label.

Section 8. Exposure Controls/Personal Protection

Exposure limits: Contains no substances with occupational exposure limit values.

Engineering controls: Use enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits.

Personal protection:

Hand protection - Compatible chemical-resistant gloves.

Eye protection - Chemical safety goggles.

Skin protection - Lab coat.

Section 9. Physical and Chemical Properties

Appearance: Clear liquid

Percent Purity: 100%

Boiling Point: 100°C

Freezing Point: 0°C

pH: 6.0

Solubility: Aqueous

Vapor Density: NA

Vapor Pressure: NA

Section 10. Stability and Reactivity

Chemical stability: Stable when stored under recommended storage conditions.

Conditions to avoid: Acidic pH.

Materials to avoid: Strong oxidizers. Sodium Azide may react with lead and copper plumbing to form highly explosive metal azides.

Hazardous reactions/decomposition products: Carbon monoxide, carbon dioxide, nitrogen oxides.

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Section 11. Toxicological Information

Acute toxicity: Product does not present an acute toxicity hazard based on known or supplied information.

Chronic toxicity: None known.

Section 12. Ecological Information

No data available.

Section 13. Disposal Considerations

Observe all federal, state and local environmental regulations.

Section 14. Transport Information

DOT (US): Not dangerous goods.

RID/ADR: Not regulated.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

Section 15. Regulatory Information

SARA:

SARA 302 - No chemicals in this material are subject to the reporting requirements.

SARA 313 - No chemicals in this material with known CAS #s are subject to the reporting requirements.

SARA 311/312 Hazards - No SARA Hazards.

California Prop. 65 components:

This product does not contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

Section 16. Other Information

Date of Issue or Revision: April 2, 2021

The information contained in this Safety Data Sheet is believed to be accurate, but it is the responsibility of the user to determine the applicability of this data to necessary safety precautions. Vector Laboratories, Inc. shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Safety Data Sheet.

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