



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product Identifier: B100-20: Dilution / Blocking Buffer for 1x conc. antibody solution.

Revision Date: 9/22/2011

Product Identifier: B100-40: Dilution / Blocking Buffer for 1x conc. antibody solution.

Product Use: Contact supplier for specific applications.

Manufacturer/Supplier: Waterborne™, Inc.

Office Address: 6045 Hurst Street, New Orleans, LA 70118, USA

Laboratory Address: 924 Valmont Street, Ste 101A, New Orleans, LA 70115, USA

Telephone / FAX: (504) 895-3338

Emergency Phone: 1-866-895-3338

Section 2. Composition/Information on Ingredients

Chemical Identity / Common Name	CAS Number	(NIOSH) REL	ACGIH TLV
Phosphate Buffer Solution (PBS):			
Sodium Phosphate	7558-79-4	NA	NA
Potassium Phosphate	7778-77-0	NA	NA
Potassium Chloride	7447-40-7	NA	NA
Sodium chloride	7647-14-5	NA	NA
Sodium azide (at 0.04% w/v)	26628-22-8	0.3 ppm mg/m3 ceiling	0.29mg/m3 ceiling
EDTA	139-33-3	NA	NA
Bovine Serum Albumin	9048-46-8	NA	NA

Section 3. Hazards Identification

Carcinogenic Information: Not a carcinogenic hazard.

Section 4. First Aid Measures

Ventilation: Natural ventilation.
 Eyes: Splash goggles.
 Respiratory: None.
 Body: Gown or lab coat.
 Hands: Gloves.

Section 5. Fire Fighting Measures

Fire & Explosion Information: Not flammable or explosive.

Section 6. Accidental Release Measures

Handling: Avoid splashing and ingestion of material. Wash hands after handling.
 Spill or Leak: Absorb spill or leak with inert material and place in suitable container.

Section 7. Handling & Storage

Handling: Gloves, protective clothing and eyewear are recommended while using this product. Wash hands after use.
 Packaging: Use original container. Keep container securely closed.
 Storage: **Do not freeze.** Store at 4 ° C.

Section 8. Exposure Controls / Personal Protection

Exposure Limits: ACGIH TLV, OSHA PEL, Other: not determined
 Respiratory: No special equipment needed when handling small volumes.
 Eye Protection: Protective glasses.
 Body: Apron, gown or lab coat.
 Hands: Gloves.

Section 9. Physical / Chemical Properties

Physical State: Liquid	pH: Not Determined.	Specific Gravity: Not Determined.
Odor/Appearance: None	Boiling Point: Not Determined.	Vapor Pressure: Not Determined.
Solubility in Water: Not Determined	Melting Point: Not Determined.	Flash Point: Not Determined.

Section 10. Stability & Reactivity

Chemical Stability: Stable under normal temperatures and pressures.
 Conditions to Avoid: None known.
 Incompatibilities: None known.
 Hazardous Decomposition Products: None known.
 Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

Not classifiable as a human carcinogen. No other toxicological information is available at this time. Handle with care and take appropriate cautions. Hazardous in case of ingestion.

Section 12. Ecological Information

No data available.

Section 13. Disposal Information

Waste Disposal: Consult local, state or federal regulations for proper disposal.

Section 14. Transport Information

DOT: None. This substance is considered to be non-hazardous for transport.
IATA: None. Non-hazardous for air transport.
Other Information: Shipped with gel packs.

Section 15. Regulatory Information

OSHA: Materials in this product are hazardous as defined by Hazard Communication Standard (29 CFR 1910.1200).
CERCLA: Hazardous Substance (40 CFR 302.4): Sodium azide is listed, other chemicals are not.
Extremely Hazardous Substance (40 CFR 302.4): Sodium azide is listed, other chemicals are not.
TSCA: Sodium azide is listed on the TSCA inventory, all other chemicals are not.
SARA: Not listed
WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.
DSL: No
NDSL: No

Section 16. Other Information

The information included in this document is based on experience and testing. To the best of our knowledge, the information contained in this document is accurate. However, the above named supplier does not assume liability for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution.
