MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Identification of the substance

Catalog Number MBS176420

Product Name Sample Diluent Buffer

1.2 Application of the substance or mixture

For research use only.

1.3 Company identification

MyBioSource, Inc.
P.O.Box 153308
San Diego, CA 92195-3308 USA
Tel: 1.858.633.0165/Fax: 1.858.633.0166
Email: sales@mybiosource.com

2. HAZARDS IDENTIFICATION

Classification: Sodium azide <0.1%. Not hazardous at this concentration. The classification was made according to the latest edition of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Special Hazards: N/A

Routes of exposure: Inhalation; ingestion or skin.

IF EXPOSED OR CONCERNED: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Name	EC-No	CAS-No	Concentration	Classification
Sodium azide	247-852-1	26628-22-8	<0.1%	Not hazardous at this concentration

4. FIRST AID MEASURES

Skin contact	Wash off immediately with soap and plenty of water. Generally the product does not irritate the skin.
Eye contact	Rinse immediately with plenty of water. Consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Notes to physician	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammable properties	Not flammable.
Flash point	Not available
Suitable extinguishing media	The product is non-flammable.
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Protective equipment for firefighters	No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use standard laboratory practices including proper personal protective equipment.
Environmental precautions	None.
Methods and materials for containment and cleaning up	Keep in suitable, closed containers for disposal.
Reference to other sections	For disposal see section 13.

7. HANDLING AND STORAGE

Handling	No special measures required. No special precautions are necessary if used correctly.
Storage	Store according to product specifications.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: None known

Appropriate engineering controls: Follow general industrial hygiene and safety practice.

Personal protective equipment

Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment.
Hand protection	Impervious gloves.

Eye protection	Safety glasses with side-shields.
Skin and body protection	Lightweight protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Important Health Safety and Environment Information

a) Appearance Form:	Liquid
b) Odour	No data available.
c) Odour Threshold	No data available.
d) pH	No data available.
e) Melting point/freezing point	No data available.
f) Initial boiling point and boiling range	No data available.
g) Flash point	No data available.
h) Evaporation rate	No data available.
i) Flammability (solid, gas)	No data available.
j) Upper/lower flammability or explosive limits	No data available.
k) Vapour pressure	No data available.
l) Vapour density	No data available.
m) Relative density	No data available.
n) Water solubility	No data available.
o) Partition coefficient: noctanol/water	No data available.
p) Auto-ignition temperature	No data available.
q) Decomposition temperature	No data available.
r) Viscosity	No data available.
s) Explosive properties	No data available.
t) Oxidizing properties	No data available.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage and handling conditions.
Conditions to avoid	No data available.
Incompatible materials	No data available.
Hazardous decomposition products	No data available.
Hazardous polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No toxic effect known.

Skin irritant effect: No irritant effect known.

Eye irritant effect: No irritant effect known.

Sensitization: No sensitizing effects known.

Mutagenicity: No effect known.

Carcinogenicity: No effect known.

Reproductive toxicity: No toxic effect known.

Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Undetermined.

Biodegradability: Undetermined.

Mobility: Undetermined.

13. DISPOSAL CONSIDERATIONS

Disposal methods	Dispose of waste in accordance to applicable national, regional, or local regulations.
Contaminated packaging	Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT	Not dangerous goods.
ADR	Not dangerous goods.
IATA	Not dangerous goods.

15. REGULATORY INFORMATION

US Federal and State Regulations

SARA 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302:

Sodium azide CAS-No.

26628-22-8

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

Sodium azide CAS-No.

26628-22-8

California Prop. 65 Components

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

16. OTHER INFORMATION

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since we can not control the actual methods, volumes, or conditions of use,MyBioSource, Inc., shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.