



SAFETY DATA SHEET (SDS)

Carb/Bicarb Buffer, pH 9.2

01. Product and Company Identification							
Product Identifier:							
Trade Name:	Carbonate/Bicarbonate Buffer, 9.2						
Chemical Name:	Sodium Carbonate/ Sodium Bicarbonate Buffer						
Catalog Number:	14000020						
Part of Kits:							
Use of chemical:	Buffer						
Identification of Manufacturer:							
Manufacturer/Supplier:	Biochemical Diagnostics, Inc. 180 Heartland Blvd., Edgewood, NY 11717 Phone: (631) 595-9200 Fax: (631) 595-9204						
Emergency telephone number:	(800) 255-3924						
02. Hazard(s) Identification							
Classification of substance or mixture:							
Eye Irritation (Category 2B) <i>Causes eye irritation</i>							
Label elements:							
Hazard pictograms	 Irritant						
Signal word: Warning							
Hazard statements:							
H320 Causes eye irritation.							
Precautionary statements:							
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.							
Classification system:							
NFPA ratings (scale 0 - 4)							
	Health = 0 Fire = 0 Reactivity = 0						
HMIS-ratings (scale 0 - 4)							
<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr><td style="background-color: #0000FF; color: white; padding: 2px;">HEALTH</td><td style="padding: 2px;">0</td></tr> <tr><td style="background-color: #FF0000; color: white; padding: 2px;">FIRE</td><td style="padding: 2px;">0</td></tr> <tr><td style="background-color: #FFFF00; padding: 2px;">REACTIVITY</td><td style="padding: 2px;">0</td></tr> </table>	HEALTH	0	FIRE	0	REACTIVITY	0	Health = 0 Fire = 0 Reactivity = 0
HEALTH	0						
FIRE	0						
REACTIVITY	0						
03. Composition/information on ingredients							
Chemical Characterization: Mixture							
CAS No. Description	: N/A						
Formula	: Sodium Carbonate Anhydrous and Sodium Bicarbonate, Water						
Molecular weight	: N/A						

SAFETY DATA SHEET (SDS)

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04. First aid measures

Description of first aid measures:

Inhalation: Remove to fresh air
Ingestion: Rinse mouth with water.
Skin Contact: Wash immediately with soap and water. Seek medical attention if irritation occurs.
Eye Contact: Rinse with thoroughly with plenty of water for at least 15 minutes. Seek medical attention.

05. Firefighting measures

Extinguishing media: Use extinguishing media suitable for surrounding area.

Special Fire Fighting Procedures: Use firefighting procedures suitable for surrounding area.

Unusual Fire and Explosion Hazards: None identified.

06. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Avoid breathing vapors, mist or gas. Keep unprotected persons away.

Environmental precautions:

Prevent further leakage if safe to do. Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) and remove.

Waste Disposal Method:

Dispose in accordance with state, local and federal regulations

07. Handling and storage

Handling:

Precautions for safe handling: No special precautions are necessary if used correctly.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: Keep container tightly closed in a dry and well-ventilated place

Further information about storage conditions: Keep receptacle securely sealed.
 Keep container upright to prevent leakage.

08. Exposure controls/ personal protection

Exposure Controls:

Control parameters:

Components with limit values that require monitoring at the workplace:



Contains no substances with occupational exposure limit values.

Personal protective equipment:

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

SAFETY DATA SHEET (SDS)

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Eye Protection:		Tightly sealed safety glasses or face shield.
Skin Protection:	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact	
Protection of Hands:		Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Dispose of gloves after use.		
Respiratory Protection: Particulate.		
Ventilation: Keep vapor levels as low as possible, use adequate general or local exhaust.		

09. Physical and chemical properties

Appearance:
Form: Liquid
Color: Colorless
Odor: None
pH: 9.2
Melting Point: 851°C/ 1564°F
Boiling Point: N/A
Flash Point: N/A
Ignition temperature: N/A
Explosion limits: Lower: no data available Upper: no data available
Vapor Pressure @ 20°C: N/A
Specific Gravity @ 20°C (68°F): no data available
Vapor Density: N/A
Percent Volatile: N/A
Evaporation Rate: N/A
Flammable Limits in air % by volume: Lel: N/A Uel: N/A
Solubility in/ Miscibility with Water@20°C: soluble

10. Stability and reactivity

Stability: Stable
Incompatibility: Phosphorous pentoxide, sulfuric acid, zinc, lithium, moisture, calcium hydroxide and 2,4,6-trinitrotoluene. Reacts violently with acids to form carbon dioxide
Conditions to Avoid: None identified.
Hazardous Polymerization: Will not occur
Hazardous Decomposition: Carbon oxides and sodium oxides may form under fire conditions

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11. Toxicological information**Acute toxicity:****LD/LC50 values that are relevant for classification:**

Oral LD50 no data available
Inhalation no data available
Dermal LD50 no data available

Potential health effects:

On the skin: May be harmful if absorbed through skin. May cause skin irritation.
On the eye: May cause eye irritation.
Inhalation: May be harmful if inhaled. May cause irritation to upper respiratory tract.
Ingestion: May be harmful if swallowed.

12. Ecological information**Toxicity:** No data available.**Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**Mobility in soil:** No data available.**Other adverse effects:** No data available.**13. Disposal considerations****Waste treatment methods****Product:**

Dispose of waste in accordance to applicable national, regional, or local regulations.

Contaminated packaging:

Disposal must be made according to official regulations.

14. Transport Information

Not dangerous goods

15. Regulatory Information**SARA 302 Components:**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components:

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 data available

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16. Other Information

Revision B, June 2015

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, we make no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, we will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

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