

# SAFETY DATA SHEET

<b>Version</b>	2.0	<b>Issue Date</b>
<b>Revision Date</b>	N/A New	
<b>Supersedes</b>	N/A	<b>According to Regulation (EC) No. 1907/2006</b>

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

<b>Product Name</b>	0.05 M TRIS GB BUFFER
<b>Brand:</b>	Endosafe
<b>Product Code</b>	BG126
<b>Intended Use</b>	R&D/Experimental use only
<b>Manufacturer</b>	Charles River Laboratories
<b>Division</b>	Endotoxin and Microbial Detection
<b>Address</b>	1023 Wappoo Rd Suite 43-B Charleston, SC 29407
<b>Telephone</b>	001 843 402 4900
<b>Emergency</b>	001 843 402 4900

## SECTION 2: HAZARDS IDENTIFICATION

<b>Classification</b>	Not a dangerous substance or mixture according to Regulation (EC) No. 1272/2008.
<b>Label elements</b>	This product does not require labeling.
<b>Hazard statements</b>	None
<b>Other hazards</b>	None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS#	EC#	Concentration, %
Water	7732-18-5	231-791-2	> 97
Sodium chloride	7647-14-5	231-598-3	< 3
Tris (hydroxymethyl) aminomethane	77-86-1	201-064-4	< 1
2-Amino-2-(hydroxymethyl)-1, 3-propanediol hydrochloride	1185-53-1	214-684-5	< 1

## SECTION 4: FIRST AID MEASURES

<b>Eye contact</b>	Flush eyes with plenty of water.
<b>Skin contact</b>	Wash off with soap and plenty of water.

<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water.
<b>Inhalation</b>	Move person into fresh air. If not breathing give artificial respiration.

### SECTION 5: FIRE-FIGHTING MEASURES

<b>Flash point</b>	Not available
<b>Ignition temperature</b>	Not available
<b>Extinguishing media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Fire fighting procedures</b>	Wear self contained breathing apparatus for fire fighting if necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Avoid breathing vapors mist or gas.
<b>Environmental precautions</b>	Prevent product from entering drains.
<b>Methods for cleaning</b>	Keep in suitable, closed containers for disposal.

### SECTION 7: HANDLING AND STORAGE

<b>Handling</b>	Wear personal protective equipment and avoid contact with skin and eyes. Good laboratory technique should be used in handling product.
<b>Storage</b>	Keep container tightly closed in a dry and well-ventilated place.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering measures</b>	Contains no components with occupational exposure limit values.
<b>Respiratory protection</b>	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
<b>Eye protection</b>	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
<b>Skin and body protection</b>	Wear appropriate protective gloves and clothes to prevent skin exposure.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practices.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Clear liquid
<b>Odor</b>	Not available
<b>pH</b>	7.1 – 7.5 (1:10 dilution @ 20 – 25°)

<b>Melting/freezing point</b>	Not available
<b>Boiling point</b>	Not available
<b>Flash point</b>	Not available
<b>Freezing point</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flammability</b>	Not available
<b>Upper/lower flammability limits</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	Not available
<b>Water solubility</b>	Soluble
<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Not available

#### SECTION 10: STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions.
<b>Materials to avoid</b>	Bases and oxidizing agents.
<b>Hazardous polymerization</b>	Will not occur.
<b>Hazardous decomposition</b>	Hazardous decomposition products formed under fire conditions - Carbon oxides, nitrogen oxides (NOx), hydrogen chloride gas.

#### SECTION 11: TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	Not available
<b>Skin corrosive/Irritant</b>	Not available
<b>Serious eye damage/irritation</b>	Not available
<b>Respiratory sensitization</b>	Not available
<b>Germ cell mutagenicity</b>	Not available
<b>Carcinogenicity</b>	
<b>IARC</b>	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Reproductive toxicity</b>	Not available

<b>Specific target organ systemic toxicity (single exposure)</b>	Not available
<b>Specific target organ systemic toxicity (repeated exposure)</b>	Not available
<b>Aspiration hazard</b>	Not available

### SECTION 12: ECOLOGICAL INFORMATION

<b>Aquatic and terrestrial toxicity</b>	Not available
<b>Persistence/degradability</b>	Not available
<b>Bioaccumulative potential</b>	Not available
<b>Mobility in soil</b>	Not available
<b>PBT and vPvB assessment</b>	Not available

### SECTION 13: DISPOSAL CONSIDERATIONS

<b>Product</b>	Observe all federal, state, and local environmental regulations.
<b>Contaminated packaging</b>	Dispose of as unused product.

### SECTION 14: TRANSPORT INFORMATION

<b>ADR/RID</b>	Not dangerous goods
<b>IMDG</b>	Not dangerous goods
<b>IATA</b>	Not dangerous goods

### SECTION 15: REGULATORY INFORMATION

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

### SECTION 16: OTHER INFORMATION

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