

MATERIAL SAFETY DATA SHEET

Version	2.0	Issue Date	14 Jul 2011
Revision Date	17 Nov 2010		
Supersedes	14 Dec 2009	American National Standard	ANSI Z400.1

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name LAL REAGENT WATER
Brand Endosafe
Product Codes W110, W120, W130, W150

Intended use R&D/Experimental use only

Manufacturer Charles River Laboratories
Division Endotoxin and Microbial Detection
Address 1023 Wappoo Rd
Suite 43-B
Charleston, SC 29407

Telephone (843) 402-4900
Emergency (843) 402-4900

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards No OSHA Hazards

NFPA Rating Health = 0, Fire = 0, Instability = 0
HMIS Classification Health = 0, Flammability = 0, Physical hazards = 0

Potential Health Effects

Inhalation May cause respiratory tract irritation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name Water
Formula H₂O
Molecular Weight 18.02

Components	CAS#	EC#	RTECS#	Concentration, %
Sterile Water	7732-18-5	231-791-2	ZC0110000	100

SECTION 4: FIRST AID MEASURES

Inhalation If not breathing give artificial respiration

SECTION 5: FIRE-FIGHTING MEASURES

Flash point Not applicable

Ignition temperature Not applicable

Extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Additional information This material does not burn

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions Not applicable

Environmental precautions Not applicable

Methods for cleaning Wipe up with absorbent material

SECTION 7: HANDLING AND STORAGE

Handling No special handling required

Storage No special storage required

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures Contains no substances with occupational limit values

Respiratory protection No special respiratory protection required

Eye protection No special eye protection required

Skin and body protection No special skin or body protection required

Hygiene measures Handle in accordance with good industrial hygiene and safety practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Clear liquid
Odor	Odorless
pH	6 – 8 @ 25 °C
Melting/freezing point	0.0 °C
Boiling point	100°C
Flash point	Not applicable
Evaporation rate	Not available
Flammability	Not applicable
Upper/lower flammability limits	Not applicable
Vapor pressure	23.8 mm/Hg @ 25 °C
Vapor density	23 gm/m ³ @ 25 °C
Specific gravity	0.997g/cm ³ @ 25 °C
Water solubility	Soluble
Partition coefficient: n-octanol/water	Not applicable
Decomposition temperature	Not available
Viscosity	1 cPs @ 20 °C

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Materials to avoid	Strong reducing agents, acid chlorides, phosphorus trichloride, phosphorus pentachloride and phosphorus oxychloride.
Conditions to avoid	Not applicable
Hazardous polymerization	Not applicable
Hazardous decomposition	Not applicable

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	LD50 Oral - rat - > 90,000 mg/kg
Irritation and corrosion	Not available

Sensitization Not available

Chronic exposure Not available

Carcinogenic effects

IARC 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.

ACGIH No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Mutagenic effects Not available

Reproductive toxicity No available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity Not available

Persistence/degradability Not available

Bioaccumulative potential Not available

Mobility in soil Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Product Observe all federal, state, and local environmental regulations

SECTION 14: TRANSPORT INFORMATION

DOT Not regulated hazardous material

IATA Not regulated hazardous material

IMDG Not regulated hazardous material

SECTION 15: REGULATORY INFORMATION

OSHA Hazards No OSHA hazards

TSCA Status	On TSCA inventory
SARA 302 Components	No components in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 311/312 Hazards	No components in this material are subject to the reporting requirements of SARA Title III, Section 311/312
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.
California Prop 65	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
DSL Status	All components of this product are listed under the Canadian DSL or NDSL lists.
WHMIS Classification	Not WHMIS controlled

SECTION 16: OTHER INFORMATION

Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, Charles River Endosafe makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its safety and suitability for their purposes prior to use. In no event will Charles River Endosafe be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature, are made hereunder with respect to information or the product to which the information refers.

Prepared by: Charles River Laboratories
 Phone: (843) 402-4900
www.criver.com