

SAFETY DATA SHEET

Version	2.0	Issue Date	14 Jul 2011
Revision Date	N/A New		
Supersedes	N/A	According to Regulation (EC) No.	1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name	p-NITROANILINE (45 µg/ml)
Brand:	Endosafe
Product Codes	SP100
Intended Use	R&D/Experimental use only
Manufacturer	Charles River
Division	Endotoxin and Microbial Detection
Address	1023 Wappoo Rd Suite 43-B Charleston, SC 29407
Telephone	001 843 402 4900
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SECTION 2: HAZARDS IDENTIFICATION

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name Aqueous p-nitroaniline solution, 45 µg/ml

Component	CAS#	RTECS#	EC#	Concentration
Water	7732-18-5	ZC0110000	231-791-2	> 99.99%
p-nitroaniline	100-01-6		202-810-1	< 0.01%

SECTION 4: FIRST AID MEASURES

Eye contact	Flush eyes with plenty of water.
Skin contact	Rinse immediately with soap and plenty of water.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Inhalation	Move person into fresh air. If not breathing give artificial respiration consult a physician

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	Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.
Environmental precautions	Prevent product from entering drains.
Methods for cleaning	Use a wet sponge or damp cloth. Keep in suitable, closed containers for disposal

SECTION 7: HANDLING AND STORAGE

Handling	Wear personal protective equipment and avoid contact with skin and eyes. Good laboratory technique should be used in handling product.
Storage	No special storage required

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures	Contains no substances with occupational exposure limit values
Respiratory protection	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).

Eye protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body protection	Wear appropriate protective gloves and clothes to prevent skin exposure.
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 Will not occur

Hazardous decomposition Not applicable

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity (LD50), Oral

Water > 90,000 mg/kg [Rat]

p-nitroaniline 750 mg/kg [Rat]

Skin corrosive/Irritant Not available

Serious eye damage/irritation Not available

Respiratory sensitization Not available

Germ cell mutagenicity Not available

Carcinogenicity

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.

Reproductive toxicity Not available

Specific target organ systemic toxicity (single exposure) Not available

Specific target organ systemic toxicity (repeated exposure) Not available

Aspiration hazard Not available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity Not available

Persistence/degradability Not available

Bioaccumulative potential Not available

Mobility in soil Not available

PBT and vPvB assessment Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Product Observe all federal, state, and local environmental regulations

Contaminated packaging Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

ADR/RID	Not dangerous goods
IATA	Not dangerous goods
IMDG	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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