

Material Safety Data Sheet

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Infosafe No. ACQWY

Issue Date: July 2008

ISSUED by SOUTHBIOL

Product Name: Bromothymol Blue 0.1%

Not classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name Southern Biological (ABN 25 838 926 933)
Address 19-21 Worrell Street Nunawading Vic 3131 Australia
Tel/Fax Tel: +61 3 9877 4597 Fax: +61 3 9894 2309

IDENTIFICATION

Product Name Bromothymol Blue 0.1%
UN Number None Allocated
DG Class None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
Product Use Laboratory analytical reagent. Commonly used as an acid base titration indicator.

Physical Data

Appearance Blue-green odourless liquid.
Boiling Point Approx. 100°C*
Vapour Pressure Not available
Specific Gravity Approx. 1*
Flash Point Not applicable
Flamm. Limit LEL Not applicable
Flamm. Limit UEL Not applicable
Solubility in Water Soluble

Other Properties

pH Value 7.1
Stability Stable under normal conditions of use.
Haz. Polymerization Will not occur.
Materials to Avoid Unknown
Other Information *Data for 0.2N sodium hydroxide solution.

Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Sodium hydroxide solution 0.2mol/l (0.2N) Volumetric Solution	Not applicable	0-10%
	Bromothymol blue	76-59-5	0-0.1%
	Water		to 100%

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HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed May cause irritation to the gastrointestinal tract.

Acute - Eye May be an eye irritant.

Acute - Skin Contact with skin may result in irritation

Acute - Inhaled Inhalation of vapours or spray mists may cause irritation to the respiratory tract.

Chronic - Repeated or prolonged exposure to this material may result in skin irritation.

First Aid

Swallowed Immediately wash out mouth with water and then give plenty of water to drink. If symptoms develop seek medical attention.

Eye If in eyes wash out immediately with water. If symptoms persist seek medical attention.

Skin Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Inhaled In the unlikely event that effects occur remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. Seek medical attention.

First Aid Facilities Eye wash and normal washroom facilities.

Advice to Doctor

Advice to Doctor Treat symptomatically or consult a Poisons Information Centre (Phone 131 126).

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	Name	STEL	TWA	Footnote
		mg/m3 ppm	mg/m3 ppm	
	Sodium hydroxide solution 0.2mol/l(0.2N) Volumetric Solution		2	Peak limitation
Eng. Controls	No special ventilation required.			

Personal Protection

Respirator Type (AS 1716) None should be needed under normal circumstances. However if significant airborne exposure is taking place an approved respirator should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

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Eye Protection The use of chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended.

Glove Type During prolonged handling the use of Nitrile gloves complying with AS 2161 is recommended.

Flammability

Fire Hazards Non flammable.

SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions Store in a cool place and out of direct sunlight.

Transport Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Handling Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet.

Spills and Disposal

Spills & Disposal **Large Spills:** Increase ventilation. Evacuate all unnecessary personnel. Wear protective clothing to minimize skin and eye exposure. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Mop up material and place into the same container.
Small Spills: Wash area down with excess water.

Disposal Dispose of according to relevant local, state and federal government regulations.

Fire/Explosion Hazard

Fire Fighting Precautions Wear self contained breathing apparatus (SCBA) and full protective clothing to minimize skin exposure.

Extinguishing Media Use appropriate fire extinguisher for surrounding environment.

Hazchem Code None Allocated

OTHER INFORMATION

Toxicology No toxicity data is available for this material.

Pkg. & Labelling No special packaging or labelling requirements.

CONTACT POINT

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...End of MSDS...