

Material Safety Data Sheet

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Infosafe No. ACPLH

Issue Date: May 2007

ISSUED by SOUTHBIOL

Product Name: METHYLENE BLUE

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 METHYLENE BLUE
Proper Shipping Name None allocated
Other Names

<u>Name</u>	<u>Product Code</u>
Methylene Blue Vital	
Methylene Blue Aqueous 1%	

UN Number None allocated
DG Class None allocated
Packing Group None allocated
Hazchem Code None allocated
Poisons Schedule Not Scheduled

Physical Data

Appearance Blue-green odourless liquid.
Melting Point Not available
Boiling Point Not available
Vapour Pressure Not available
Specific Gravity Not available
Flash Point Not available
Flamm. Limit LEL Not available
Flamm. Limit UEL Not available
Solubility in Water Soluble

Other Properties

Stability Stable
Haz. Polymerization Will not occur
Materials to Avoid Strong oxidizing agents

Ingredients

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Ingredients determined not to be hazardous.		100%

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HEALTH HAZARD INFORMATION

Health Effects

- Acute - Swallowed** Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting.
- Acute - Eye** Eye contact may cause stinging, blurring and tearing.
- Acute - Skin** Skin contact may cause irritation in susceptible individuals.
- Acute - Inhaled** No likely effects. Inhalation of vapours or mists may irritate the respiratory system.
- Chronic -** Prolonged or repeated skin contact may cause defatting leading to dermatitis.

First Aid

- Swallowed** DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.
- Eye** If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.
- Skin** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
- Inhaled** Remove the source of contamination or move the victim to fresh air. If symptoms develop 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.

Other Health Hazard Information

PRECAUTIONS FOR USE

- Exposure Limits** No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).
- Eng. Controls** Use with good general ventilation.

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Personal Protection

- Respirator Type (AS 1716)** If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
- Eye Protection** Safety glasses with side shields or goggles should be worn as described in Australian Standard AS/ANZ 1337 - Eye Protectors for Industrial Applications.
- Glove Type** Impervious PVC or rubber gloves should be worn.
- Clothing** Suitable work wear should be worn to protect personal clothing, e.g. cotton overalls buttoned at neck and wrist.
- Work/Hygienic Practices** Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

Flammability

Fire Hazards This product is non-flammable.

SAFE HANDLING INFORMATION

Storage and Transport

- Storage Precautions** Store in a cool, dry, well-ventilated area.
- Transport** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
- ADG Proper Shipping Name** None Allocated

Spills and Disposal

- Spills & Leaks** Wear full protective clothing to minimise skin and eye exposure. Place inert, non-combustible absorbent such as vermiculite, sand or dirt onto material. Collect the material and place into a suitable labeled container for subsequent disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
- Disposal** Dispose of according to relevant local, state & federal government regulations.

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Fire/Explosion Hazard

Fire/Explos. Hazard This product is non-flammable.

Hazardous Decomposition or Byproducts Hazardous decomposition products may include hydrogen sulphide

Fire Fighting Procedures Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

Extinguishing Media Use water fog, foam or dry agent.

Hazchem Code None Allocated

OTHER INFORMATION

Toxicology No toxicology data available for this product.

CONTACT POINT

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...End of MSDS...