

# MATERIAL SAFETY DATA SHEET

## Thymol Blue

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Date of Issue: 21 Sept 06

### STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

### COMPANY DETAILS

**Company:** ProSciTech  
**Address:** PO Box 111, Thuringowa Central Qld. 4817 Australia  
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**Telephone Number:** (07) 4773 9444  
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### IDENTIFICATION SECTION

<b>Product Name</b>	Thymol Blue
<b>Other Names</b>	Thymol Blue Free Acid, Phenol
<b>Product Code</b>	C103, C1035
<b>U.N. Number</b>	None allocated
<b>Dangerous Goods Class and Subsidiary Risk</b>	None allocated
<b>Hazchem Code</b>	None allocated
<b>Poison Schedule</b>	None allocated
<b>Use</b>	An indicator stain

### Physical Description and Properties

<b>Appearance</b>	Deep brown powder
<b>Boiling Point/Melting Point</b>	MP 221 - 224 <sup>0</sup> C
<b>Vapour Pressure</b>	No data
<b>Specific Gravity</b>	0.979 g/cm <sup>3</sup>
<b>Flash Point</b>	No data
<b>Flammability Limits</b>	Not determined
<b>Solubility in water</b>	No data

### Other Properties

#### Ingredients

Chemical Name	CAS Number	Proportion
C27H30O5S	76-61-9	

**Thymol Blue****HEALTH HAZARD INFORMATION****Health Effects:**

<i>Acute</i>	To the best of our knowledge, the chemical, physical, and toxicology properties have not yet been fully investigated.
<b>Swallowed:</b>	May be harmful if swallowed
<b>Eye:</b>	May cause eye irritation
<b>Skin:</b>	May be harmful if absorbed through the skin
<b>Inhaled:</b>	May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

*Chronic:***First Aid:**

<b>Swallowed:</b>	Wash out mouth with water provided person is conscious. Call a doctor.
<b>Eye:</b>	Wash continuously with water for 15 minutes, separating the eyelids with fingers. Call a doctor.
<b>Skin:</b>	Wash continuously with water for 15 minutes
<b>Inhaled:</b>	Remove from exposure. Apply artificial respiration if not breathing.
<b>First Aid Facilities:</b>	Eye bath, safety shower

**Advice to Doctor****PRECAUTIONS FOR USE**

<b>Exposure Standards:</b>	No exposure standard established
<b>Engineering Controls:</b>	Use a mechanical exhaust, and only in a well ventilated area
<b>Personal Protection:</b>	Use dust mask, protective gloves and chemical safety goggles. Wash hands thoroughly after handling.
<b>Flammability:</b>	Not flammable under conditions of use.

**SAFE HANDLING INFORMATION**

<b>Storage and Transport:</b>	Keep container tightly closed.
<b>Spills and Disposal:</b>	Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. To dispose of this material: Dissolve or mix with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local laws.
<b>Fire/Explosion Hazard:</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions. Extinguishing Media: Water spray, carbon dioxide, dry chemical powder or appropriate foam. Decomposition products are: Carbon monoxide, carbon dioxide and sulfur oxides.

**OTHER INFORMATION**

<b>Incompatibilities (Materials to avoid)</b>	Strong oxidizing agents
<b>Animal Toxicity Data:</b>	No data

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