

# MATERIAL SAFETY DATA SHEET

## Giemsa Stain

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Date of Issue: 21 Spet 06

### STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia

### COMPANY DETAILS

**Company:** ProSciTech  
**Address:** PO Box 111, Thuringowa Central Qld. 4817 Australia  
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### IDENTIFICATION SECTION

<b>Product Name</b>	Giemsa Stain
<b>Other Names</b>	
<b>Product Code</b>	C109, C1091, C1095
<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>	For staining fresh peripheral blood smears and blood parasites and in Wolbach's tissue stain.

### Physical Description and Properties

<b>Appearance</b>	Dark green fine crystalline powder.
<b>Boiling Point/Melting Point</b>	MP 300°C
<b>Vapour Pressure</b>	None allocated
<b>Specific Gravity</b>	None allocated
<b>Flash Point</b>	None allocated
<b>Flammability Limits</b>	None allocated
<b>Solubility in water</b>	Soluble

### Other Properties

#### Ingredients

Chemical Name	CAS Number	Proportion
Giemsa's Stain	51811-82-6	100%

## HEALTH HAZARD INFORMATION

### Health Effects:

#### *Acute*

<b>Swallowed:</b>	May cause irritation of the digestive tract. Low hazard for usual industrial handling.
<b>Eye:</b>	May cause eye irritation. This product contains a cationic dye. Similar dyes have caused permanent injury to the cornea and conjunctiva in documented exposure cases with human or rabbit eyes.
<b>Skin:</b>	May cause skin irritation.
<b>Inhaled:</b>	May cause respiratory tract irritation. Low hazard for usual industrial handling.

#### *Chronic:*

None allocated

### First Aid:

<b>Swallowed:</b>	DO NOT induce vomiting. If person is conscious and alert, rinse mouth out with 2-4 capfuls of milk or water. Seek medical aid immediately.
<b>Eye:</b>	Wash continuously with water for 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation develops or persists.
<b>Skin:</b>	Remove any contaminated clothing. Wash skin with soap or mild detergent for at least 15 minutes. Get medical attention if irritation develops or persists.
<b>Inhaled:</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
<b>First Aid Facilities:</b>	Eye bath, safety shower
<b>Advice to Doctor</b>	Treat symptomatically and supportively.

## PRECAUTIONS FOR USE

<b>Exposure Standards:</b>	None allocated
<b>Engineering Controls:</b>	Facilities storing and utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep the dispersion of the contaminant to a minimum.
<b>Personal Protection:</b>	For conditions of use where exposure to the dust is apparent, a dust/mist respirator may be worn. Wear appropriate protective gloves and goggles. Contact lenses should not be worn when working with this material.
<b>Flammability:</b>	Not flammable under conditions of use.

## SAFE HANDLING INFORMATION

<b>Storage and Transport:</b>	Keep in tightly closed container, store in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances.
<b>Spills and Disposal:</b>	Ventilate area of leak or spill. Vacuum or sweep up material and place into a suitable disposal container. Clean up dusty conditions.
<b>Fire/Explosion Hazard:</b>	In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus. During a fire, irritating and highly toxic gases may be generated by thermal decomposition of combustion. Extinguishing media: Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

## OTHER INFORMATION

<b>Incompatibilities (Materials to avoid)</b>	Nitric acid, sulfuric acid, strong alkalis, reducing agents, dichromates, strong oxidizing agents.
<b>Animal Toxicity Data:</b>	None allocated

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