

MATERIAL SAFETY DATA SHEET

Rapid stain 1 (Eosin)

Page 1 of 2
Date of Issue: 18 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
Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444
Fax Number: (07) 4773 2244

IDENTIFICATION SECTION

Product Name	Rapid stain 1 (Eosin)
Other Names	Quick stain, Rapid dip stain set.
Product Code	ARS1-500
U.N. Number	None allocated
Dangerous Goods Class and Subsidiary Risk	None allocated
Hazchem Code	None allocated
Poison Schedule	None allocated
Use	Quick stain for differential blood film hospital and pathology haematology laboratories only

Physical Description and Properties

Appearance	Red liquid
Boiling Point/Melting Point	100°C / 0°C
Vapour Pressure	23hPa @ 20°C
Specific Gravity	1.00
Flash Point	
Flammability Limits	Not determined
Solubility in water	Soluble in all proportions.

Other Properties

Ingredients

Chemical Name	CAS Number	Proportion
Eosin	548-26-5	0.16%
DISODIUM HYDROGEN ORTHOPHOSPHATE	7558-79-4	0.32%
POTASSIUM DIHYDROGEN PHOSPHATE	7778-77-0	0.4%
SURFACTANTS - NON HAZARDOUS	Mixture	0.001%
WATER and other non hazardous substances	7732-18-5	~99%

Rapid stain 1 (Eosin)**HEALTH HAZARD INFORMATION****Health Effects:***Acute*

Swallowed:	May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach.
Eye:	May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.
Skin:	May cause irritation to the skin, with effects including; Redness and itchiness.
Inhaled:	May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and possible confusion.

Chronic: None allocated

First Aid:

Swallowed:	If swallowed, DO NOT induce vomiting. If victim is conscious give water. If sickness persists transport to hospital or doctor.
Eye:	If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eye lids are held open. If irritation persists transport to hospital or doctor.
Skin:	If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. If irritation persists transport to hospital or doctor.
Inhaled:	Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult.
First Aid Facilities:	Eye wash fountain, safety shower and normal wash room facilities.
Advice to Doctor	Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards:	No exposure standard established
Engineering Controls:	Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.
Personal Protection:	CLOTHING: PVC or natural rubber apron or splash suit. GLOVES: PVC or natural rubber. EYES: Chemical goggles or faceshield to protect eyes. RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.
Flammability:	This material is not a flammable or combustible liquid.

SAFE HANDLING INFORMATION

Storage and Transport:	Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.
Spills and Disposal:	Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other

Rapid stain 1 (Eosin)

inert material). Collect and seal in properly labelled containers for disposal. Remainder of material can be washed to drain with plenty of water.

Fire/Explosion Hazard:

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting oxides of carbon.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

OTHER INFORMATION**Incompatibilities**

(Materials to avoid)

Strong alkalis, acids, oxidizing agents.

Animal Toxicity Data:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise Material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.