

# Material Safety Data Sheet

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Infosafe No. ACQS9

Issue Date: January 2008

ISSUED by SOUTHBIOL

**Product Name: EOSIN 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** EOSIN 1%  
**Proper Shipping Name** Non Allocated  
**Other Names** 2',4',5',7-Tetrabromo-3',6'-dihydroxyspiro(iso-benzofuran-1(3H).9'-[9H]xanthen)-3-one disodium salt CI 45380  
**UN Number** None Allocated  
**DG Class** None Allocated  
**Packing Group** None Allocated  
**Hazchem Code** None Allocated  
**Poisons Schedule** Not Scheduled  
**Product Use** Laboratory Use

## Physical Data

**Appearance** Liquid  
**Melting Point** Not applicable  
**Boiling Point** >100°C  
**Vapour Pressure** Not available  
**Specific Gravity** Not available  
**Flash Point** Not available  
**Flamm. Limit LEL** Not available  
**Solubility in Water** Completely soluble in water

## Other Properties

**Stability** Stable under normal conditions  
**Haz. Polymerization** Will not occur  
**Materials to avoid** Unknown

## Ingredients

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Eosin	17372-87-1	1-10%

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## HEALTH HAZARD INFORMATION

### Health Effects

<b>Acute - Swallowed</b>	No adverse effects expected however large amounts may cause nausea and vomiting.
<b>Acute - Eye</b>	May cause eye irritation, tearing, stinging, blurred vision and redness.
<b>Acute - Skin</b>	May cause redness, itching and irritation.
<b>Acute - Inhaled</b>	Unlikely route of exposure.
<b>Chronic -</b>	Unknown

## First Aid

<b>Swallowed</b>	Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.
<b>Eye</b>	If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
<b>Inhaled</b>	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. If symptoms develop seek medical attention.
<b>First Aid Facilities</b>	Eye wash and normal washroom facilities.

## Advice to Doctor

**Advice to Doctor**            Treat symptomatically.

## Other Health Hazard Information

## PRECAUTIONS FOR USE

<b>Exposure Limits</b>	No exposure standards have been established for this material by the National Occupational Health and Safety Commission (NOHSC).
<b>Eng. Controls</b>	Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

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## Personal Protection

**Respirator Type**  
(AS 1716)

Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. 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.

**Eye Protection**

Safety glasses with side shields or goggles should be worn as described in Australian Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Glove Type**

Where skin contact is likely to be prolonged or repeated impervious PVC or rubber gloves are recommended.

**Clothing**

Suitable workwear 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-combustible.

## SAFE HANDLING INFORMATION

### Storage and Transport

**Storage Precautions**

Store in a cool, dry, well ventilated area, out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers.

**Transport**

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

**Proper Shipping Name**

None Allocated

## Spills and Disposal

**Spills & Leaks**

Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimize 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 labelled 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 and federal government regulations.

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## Fire/Explosion Hazard

**Fire/Explos. Hazard** This product is non-combustible.

**Hazardous Decomposition or Byproducts** Bromine compounds

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

**Extinguishing Media** Use dry agent, foam or water mist.

**Hazchem Code** None Allocated

## OTHER INFORMATION

**Toxicology** No toxicity data is available for this product.

**Information on Ecological Effects** Prevent this material entering waterways, drains and sewers.

## CONTACT POINT

**Contact** Southern Biological  
Peter Ball  
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0425 725 875 (AH)

...End of MSDS...