

# MATERIAL SAFETY DATA SHEET

## Orcein

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Date of Issue: **21 Sept 10**

### STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

### COMPANY DETAILS

Company: **ProSciTech**  
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### IDENTIFICATION SECTION

Product Name	Orcein
Other Names	Natural Red 28
Product Code	C133, C1331, C1335
U.N. Number	None allocated
Dangerous Goods Class and Subsidiary Risk	None allocated
Hazchem Code	None allocated
Poison Schedule	None allocated
Use	Biological Stain

### Physical Description and Properties

Appearance	Black-violet solid
Boiling Point/Melting Point	Not determined
Vapour Pressure	Not determined
Specific Gravity	Not determined
Flash Point	Not determined
Flammability Limits	Not determined
Solubility in water	Insoluble

### Other Properties

#### Ingredients

Chemical Name	CAS Number	Proportion
Orcein	1400-62-0	95%

## HEALTH HAZARD INFORMATION

Health Effects: The toxicological properties have not been thoroughly investigated.  
Swallowed: Ingestion of large amounts may cause gastrointestinal irritation.  
Eye: May cause eye irritation  
Skin: May cause skin irritation  
Inhaled: May cause respiratory tract irritation.  
Chronic: No information found.

### First Aid:

Swallowed: If conscious and alert, wash out mouth with 2-4 capfuls of water or milk. Do NOT induce vomiting. Seek medical advice.  
Eye: Flush with continuous amounts of water for at least 15 minutes. Occasionally lifting the upper and lower eyelids. Seek medical advice.  
Skin: Flush with continuous amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical advice.  
Inhaled: Remove to fresh air immediately. Use artificial respiration if not breathing or if breathing becomes difficult, and seek medical advice.  
First Aid Facilities: Eye bath, safety shower

Advice to Doctor Treat symptomatically and supportively.

## PRECAUTIONS FOR USE

Exposure Standards: No exposure standard allocated  
Engineering Controls: Mechanical exhaust, eye wash facility and safety shower required  
Personal Protection: Wear appropriate NIOSH/MSHA-approved respirator, chemical resistant gloves, safety goggles, other protective clothing  
Flammability: Not flammable under conditions of use

## SAFE HANDLING INFORMATION

Storage and Transport: Store in a tightly closed container. Avoid contact with heat, sparks and flame.  
Spills and Disposal: Spill: Ensure adequate ventilation. Use proper protective clothing. Vacuum or sweep up material, place in a suitable disposal container. Avoid generating dusty conditions. Wash spill site after material pick-up is complete.  
Waste disposal: dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and scrubber. Observe all federal, state and local laws.  
Fire/Explosion Hazard: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.  
Extinguishing media: Use agent most appropriate to extinguish fire. Use water spray, dry chemical carbon dioxide or appropriate foam.  
Special fire fighting procedures: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## OTHER INFORMATION

Incompatibilities Oxidizing agents  
(Materials to avoid)  
Animal Toxicity Data:

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