

# MATERIAL SAFETY DATA SHEET

## Congo Red

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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  
**Street Address:** 1/11 Carlton Street, Kirwan, Qld, 4817. Australia  
**Telephone Number:** (07) 4773 9444  
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### IDENTIFICATION SECTION

<b>Product Name</b>	Congo Red
<b>Other Names</b>	Direct Red
<b>Product Code</b>	C093
<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>	Biological Stain

### Physical Description and Properties

<b>Appearance</b>	Brown-red powder
<b>Boiling Point/Melting Point</b>	No data
<b>Vapour Pressure</b>	No data
<b>Specific Gravity</b>	No data
<b>Flash Point</b>	No data
<b>Flammability Limits</b>	Not determined
<b>Solubility in water</b>	40g/L

### Other Properties

#### Ingredients

Chemical Name	CAS Number	Proportion
C <sub>32</sub> H <sub>22</sub> N <sub>6</sub> Na <sub>2</sub> O <sub>6</sub> S <sub>2</sub>	573-58-0	

## HEALTH HAZARD INFORMATION

### Health Effects:

#### *Acute*

<b>Swallowed:</b>	Potential health hazard
<b>Eye:</b>	Potential health hazard
<b>Skin:</b>	Potential health hazard
<b>Inhaled:</b>	Potential health hazard

#### *Chronic:*

### First Aid:

<b>Swallowed:</b>	Call for medical attention immediately
<b>Eye:</b>	Immediately flush eyes with copious amounts of water for at least 15 minutes. Get medical attention immediately.
<b>Skin:</b>	Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse. Get medical attention.
<b>Inhaled:</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

### First Aid Facilities:

### Advice to Doctor

## PRECAUTIONS FOR USE

<b>Exposure Standards:</b>	None established
<b>Engineering Controls:</b>	Use only in a chemical fume hood.
<b>Personal Protection:</b>	Wear appropriate respirator, chemical-resistant gloves, safety goggles and other protective clothing.
<b>Flammability:</b>	Not flammable under conditions of use

## SAFE HANDLING INFORMATION

<b>Storage and Transport:</b>	Keep container tightly closed. Store in a cool, dry ventilated area. Protect against physical damage..
<b>Spills and Disposal:</b>	Use appropriate protection to avoid inhalation exposure and skin and eye contact. Carefully pick up spill and place in an appropriate container for proper disposal. Ensure compliance with local, state and federal regulations.
<b>Fire/Explosion Hazard:</b>	Not considered a fire or explosion hazard. Use any means suitable for extinguishing surrounding fire. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## OTHER INFORMATION

<b>Incompatibilities (Materials to avoid)</b>	Acids
<b>Animal Toxicity Data:</b>	Animal reproductive effects cited. Mutation references cited. Congo Red is a benzidine based dye. As such, it is expected to metabolise to bensidine, which is a known human carcinogen.

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