

# MATERIAL SAFETY DATA SHEET

## Orange II

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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  
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### IDENTIFICATION SECTION

<b>Product Name</b>	Orange II
<b>Other Names</b>	Tropaeolin
<b>Product Code</b>	C131, C1311, C1315
<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>	Orange to Red solid
<b>Boiling Point/Melting Point</b>	MP - 164 deg C
<b>Vapour Pressure</b>	No data
<b>Specific Gravity</b>	No data
<b>Flash Point</b>	No data
<b>Flammability Limits</b>	No data
<b>Solubility in water</b>	116g/L (30 C)

### Other Properties

#### Ingredients

Chemical Name	CAS Number	Proportion
C <sub>15</sub> H <sub>11</sub> N <sub>2</sub> Na <sub>1</sub> O <sub>4</sub> S <sub>1</sub>	633-96-5	100%

## HEALTH HAZARD INFORMATION

### Health Effects:

#### *Acute*

<b>Swallowed:</b>	May cause irritation to the digestive tract.
<b>Eye:</b>	Causes irritation.
<b>Skin:</b>	May cause irritation.
<b>Inhaled:</b>	May be cause respiratory tract irritation.

### First Aid:

<b>Swallowed:</b>	Wash out mouth with milk or water provided person is conscious. Call a doctor.
<b>Eye:</b>	Immediately flush eyes with copious amounts of water for at least 15 minutes.
<b>Skin:</b>	Immediately wash skin with soap and copious amounts of water for at least 15min. Wash contaminated clothing before reuse.
<b>Inhaled:</b>	Remove to fresh air. If not breathing, give artificial respiration. Seek medical aid.
<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 established.
<b>Engineering Controls:</b>	Eye wash facility and a safety shower. Use appropriate ventilation.
<b>Personal Protection:</b>	Wear approved respirator, chemical safety goggles and compatible chemical-resistant gloves.
<b>Flammability:</b>	Emits toxic fumes under fire conditions.

## SAFE HANDLING INFORMATION

<b>Storage and Transport:</b>	Keep container tightly closed. Store in a cool, dry place.
<b>Spills and Disposal:</b>	Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a suitable container for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. Observe all federal, state and local laws.
<b>Fire/Explosion Hazard:</b>	Extinguishing media: water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## OTHER INFORMATION

<b>Incompatibilities (Materials to avoid)</b>	Strong oxidising agents.
<b>Animal Toxicity Data:</b>	

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