

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Material Name:** Sirius red F3B, C.I.# 35780.  
**Catalogue Number:** C102, C1021, C1025.  
**Other Names:** 2-Naphthalensulfonic acid; 7,7'-(carbonyldiimino) bis [4-hydroxy-3-[ [2-sulfo-4-[(4-sulfophenyl)azo] phenyl] azo] -,hexasodium salt. Direct Red 80.  
**Recommended Use:** Biological Stain.

**Supplier Name:** ProSciTech  
**Street Address:** 1/11 Carlton Street, Kirwan, Qld. 4817 Australia  
**Telephone Number:** (07) 4773 9444 **Fax Number:** (07) 4773 2244  
**Emergency Contact:** (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

### SECTION 2 - HAZARDS IDENTIFICATION

**Hazard Classification:** Not classified as hazardous according to criteria of NOHSC.  
**Hazardous and/or** NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.  
**Dangerous Nature:**  
**Risk Phrases:**  
**Safety Phrases:**

### SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

**SUBSTANCE:** **Chemical Identity:** Sirius Red.  
**Common Name(s):** 2-Naphthalensulfonic acid; 7,7'-(carbonyldiimino) bis [4-hydroxy-3-[ [2-sulfo-4-[(4-sulfophenyl)azo] phenyl] azo] -,hexasodium salt. Direct Red 80.  
**CAS Number(s):** 2610-10-8

**MIXTURE:**

Ingredients	Cas Number(s)	Proportion (%)
Sirius Red	2610-10-8	-

### SECTION 4 - FIRST AID MEASURES

**Swallowed:** If victim is conscious and alert, give 2-4 cupfuls water or milk to drink. Do NOT induce vomiting.  
**Eye:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.  
**Skin:** In case of contact, flush skin with plenty of water for at least 15 minutes while removing contaminated clothes and shoes. Get medical attention if irritation develops or persists.  
**Inhaled:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.  
**First Aid Facilities:** Eyebath/eyewash & Safety shower.

**Medical Attention & Special Treatment:**

Treat symptomatically and supportively.

ADDITIONAL INFORMATION:

### SECTION 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**

In case of fire use water spray to cool fire expose containers. Use water spray, carbon dioxide, dry chemical powder, or appropriate foam.

**Hazards from Combustion Products:**

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion such as Carbon monoxide, Carbon dioxide, Nitrogen oxides, and Sulfur oxides.

**Precautions for Fire Fighters:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear.

**Hazchem Code:**

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Emergency Procedures:

#### Containment and clean up:

Use proper personal protective equipment as indicated in Section 8. Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precaution in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation

## SECTION 7 - HANDLING & STORAGE

### Precautions for Safe Handling:

Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation.

### Conditions for Safe Storage:

Store in a tightly closed container. Store in a cool, dry place away from incompatible substances.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards:** No exposure standard allocated.

**Biological Limit Values:** No biological limit allocated.

### Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

### Personal Protective Equipment:

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing (Lab coat) to prevent skin exposure.

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

**Appearance:** Reddish-brown powder.

**Odour:** Not available.

**pH:** Not available.

**Vapour pressure (mm of Hg at 25°C):** Not available.

**Vapour density:** Not available.

**Boiling point/range (°C):** Not available.

**Freezing/melting point (°C):** Not available.

**Solubility:** Not available.

**Specific gravity or density:** Not available.

**Flash Point:** Not available.

**Flammable (explosive) limits:** Not available.

**Ignition temperature:** Not available.

**Additional Information:**

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of use.

**Conditions to avoid:** Incompatible materials.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides.

**Products:**

**Hazardous Reactions:** Has not been reported.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Exposure and Health Effects:

#### Ingestion:

May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

#### Inhalation:

May cause respiratory tract irritation. The toxicological properties of this material have not been fully investigated.

**Skin Contact:**

May cause skin irritation. The toxicological properties of this material have not been fully investigated.

**Eye Contact:**

May cause eye irritation. The toxicological properties of this material have not been fully investigated.

**Human/Animal data:** Not available.

**Carcinogenicity:** Not available.

### SECTION 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.

**Persistence and degradability:** Not available.

**Mobility:** Not available.

**Additional Information:**

### SECTION 13 - DISPOSAL CONSIDERATIONS

**Disposal Methods:**

Dispose of in accordance with local, state and federal laws.

**Special Precautions:**

### SECTION 14 - TRANSPORT INFORMATION

**UN Number:** Not regulated.

**UN Proper Shipping Name:** Not regulated.

**Class and Subsidiary risk:** Not regulated.

**Packing Group:** Not regulated.

**Special Precautions for User:** Not available.

**Hazchem Code:** Not available.

### SECTION 15 - REGULATORY INFORMATION

**Poison Schedule Number:** None allocated.

### SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: August 10

Comments:

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