



Safety Data Sheet
Sirius Red F3B, C.I. 35780

SECTION 1: Identification

GHS Product identifier

Product name	Sirius Red F3B, C.I. 35780
Product number	SR35780-25G
Brand	Hurstchem

Other means of identification

Direct Red 80, 2-Naphthalensulfonic acid; 7,7'-(carbonyldiimino) bis [4-hydroxy-3-[2-sulfo-4-[(4-sulfophenyl)azo] phenyl] azo] -,hexasodium salt.

Recommended use of the chemical and restrictions on use

Laboratory Reagent

Supplier's details

Name	Hurst Scientific
Address	2/36 Hensbrook Loop 6112 Forrestdale WA Australia
Telephone	1300 778 068
email	sales@hurstscientific.com.au

Emergency phone number

Australian Poisons Information Centre 131 126
Australian Emergency Services 000

SECTION 2: Hazard identification

General hazard statement

Classified as a **Hazardous** substance according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as a **NON-Dangerous goods** according to the ADG Code for the Transport of Dangerous Goods by Road and Rail (7th Edition).

Classification of the substance or mixture

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GHS classification in accordance with: UN GHS revision 7

Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

Mixtures

1. C.I.Direct Red 80

Concentration	100 %
CAS no.	2610-10-8

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Evacuate to fresh air immediately. If breathing stops, apply artificial respiration and consult a physician.
In case of skin contact	Remove contaminated clothing and wash affected area with soap and water thoroughly. If irritation develops or persists, seek medical attention.
In case of eye contact	Flush eyes with copious amounts of water for at least 15 minutes. Seek medical attention.
If swallowed	DO NOT induce vomiting. Rinse mouth out with copious amounts of water and seek immediate medical attention.

Personal protective equipment for first-aid responders

Eye wash station, safety shower and First Aid kit.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use dry chemical, CO₂, water spray or alcohol resistant foam.

Specific hazards arising from the chemical

Carbon oxides, nitrogen, Sulphur & sodium oxides.

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Special protective actions for fire-fighters

Wear SCBA (Self-Contained Breathing Apparatus) and full protective equipment.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate protective equipment. Ensure adequate ventilation. If possible, contain the spill and avoid breathing dust.

Methods and materials for containment and cleaning up

Sweep up and place into suitably labelled containers for later disposal. Dispose of according to local regulations.

SECTION 7: Handling and storage

Precautions for safe handling

Wear appropriate protective equipment and avoid exposure. Ensure area is adequately ventilated and practice good personal hygiene. Avoid contact with skin and eyes. Avoid dust generation and prolonged or repeated exposure.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from incompatibles. Keep containers tightly closed when not in use.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Ensure adequate ventilation is provided.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses or chemical safety goggles.

Skin protection

Chemical-resistant nitrile gloves and laboratory coat.

Respiratory protection

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 and chemical properties

Basic physical and chemical properties

Appearance	Powder
Color	Reddish-brown
Odor	Not available.
Melting point/freezing point	Not available.
Boiling point or initial boiling point and boiling range	Not available.
Flammability	Not available.
Flash point	Not available.
Auto-ignition temperature	Not available.
pH	Not available.

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Solubility
Vapor pressure
Density and/or relative density

Not available.
Not available.
Not available.

SECTION 10: Stability and reactivity

Reactivity

Non-reactive under recommended conditions for use and storage.

Chemical stability

Stable under recommended conditions for use and storage.

Possibility of hazardous reactions

No further relevant information available.

Conditions to avoid

Incompatible materials.

Incompatible materials

Strong oxidising agents.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Specific target organ toxicity (STOT) - single exposure

No data available.

Specific target organ toxicity (STOT) - repeated exposure

No data available.

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Aspiration hazard

No data available.

SECTION 12: Ecological information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Dispose of in accordance with local authority guidelines.

Packaging disposal

Dispose of in accordance with local authority guidelines.

SECTION 14: Transport information

UN Number	None
UN Proper Shipping Name	None
Transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None
Transport in bulk according to IMO instruments	None

SECTION 15: Regulatory information

Chemical Safety Assessment

- Poison Schedule: Not Scheduled.

SECTION 16: Other information

Further information/disclaimer

References

1. Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, (2011).
2. Safe Work Australia, National Code of Practice for the Labelling of Workplace Hazardous Chemicals (2015).
3. Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants (2013)
4. National Transport Commission Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code); Can print: Canberra (2007), Volume 1, 7th Edition.

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5. Standards Australia, Dangerous Goods Initial Emergency Response Guide: Australian Handbook (SAA/SNZ HB76); Homebush (2004).

Preparation information

Disclaimer

This SDS is prepared in accordance with the Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, (2011). The information contained within is believed to be accurate at the date of preparation/review. Hurst Scientific makes no claims of the accuracy or completeness of the information and excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. It is recommended the user make their own determinations as to the suitability of the information provided to the application in which the product is to be used.

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