

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: Sudan III.
Catalogue Number: C143, C1431, C1435.
Other Names: Oil red; oil scarlet; CI 26100; Solvent Red 23; Sudan Red III; 2-naphthalenol, 1-((4-phenylazo) phenyl) azo).
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:** Sudan III.
Common Name(s): Oil red; oil scarlet; CI 26100; Solvent Red 23; Sudan Red III; 2-naphthalenol, 1-((4-phenylazo) phenyl) azo).
CAS Number(s): 85-86-9

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Oil red; oil scarlet; CI 26100; Solvent Red 23; Sudan Red III; 2-naphthalenol, 1-((4-phenylazo) phenyl) azo)	85-86-9	90-100

SECTION 4 - FIRST AID MEASURES

Swallowed: Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.
Eye: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention.
Skin: Wash exposed area with soap and water. Get medical advice if irritation develops.
Inhaled: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
First Aid Facilities: Eyebath/eyewash & Safety shower.

Medical Attention & Special Treatment:

Not available.

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, dry chemical, alcohol foam, or carbon dioxide. As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

Hazards from Combustion Products:

Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Burning may produce carbon monoxide, carbon dioxide, sulfur oxides, and nitrogen oxides. May emit toxic fumes under fire conditions and when heated to decomposition.

Precautions for Fire Fighters:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

Containment and clean up:

Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

Refer to Section 8 for appropriate protective equipment, wear protective equipment while handling. Wash thoroughly after handling.

Conditions for Safe Storage:

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standard allocated.

Biological Limit Values: No biological limit allocated.

Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Protective Equipment:

Personal Respirators (NIOSH Approved):

For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear protective gloves and clean body-covering clothing.

Eye Protection:

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Reddish-brown powder.
Odour:	Odourless.
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):	199°C – Decomposes.
Solubility:	Insoluble in water.
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:	Heat, flames, ignition sources and incompatibles.
Incompatible Materials:	Strong oxidizers. Reducing agents.
Hazardous Decomposition Products:	Burning may produce carbon monoxide, carbon dioxide, sulfur oxides, and nitrogen oxides. May emit toxic fumes under fire conditions and when heated to decomposition.
Hazardous Reactions:	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION**Exposure and Health Effects:****Ingestion:**

Large doses may cause gastro-intestinal upset.

Inhalation:

Inhalation of dust may cause irritation to the respiratory tract. Symptoms from excessive inhalation of dust may include coughing and difficult breathing.

Skin Contact:

May cause skin discoloration with irritation.

Eye Contact:

May cause mechanical irritation.

Human/Animal data: Not available.

Carcinogenicity: IARC Category 3 - Unclassifiable as to carcinogenicity in humans.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

Persistence and degradability: Not available.

Mobility: Not available.

Additional Information:**SECTION 13 - DISPOSAL CONSIDERATIONS****Disposal Methods:**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.

Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

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: February 10

Comments:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.