

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: Oil Red O.
Catalogue Number: C150, C1501, C1505.
Other Names: Solvent Red 27; 1-([4-(Xylylazo)xylyl]azo)-2-naphthol; Solvent Red 27.
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 Dangerous Nature: NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
Risk Phrases:
Safety Phrases:

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE:

Chemical Identity:	Oil Red O
Common Name(s):	Solvent Red 27; 1-([4-(Xylylazo)xylyl]azo)-2-naphthol; Solvent Red 27.
CAS Number(s):	1320-06-5

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
1-[[4-[(Dimethylphenyl)azo]dimethylphenyl]azo]-2-naphthol	1320-06-05	-

SECTION 4 - FIRST AID MEASURES

Swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.
Eye: Flush eyes with water as a precaution.
Skin: Wash off with soap and plenty of water.
Inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
First Aid Facilities: Eyebath/eyewash & Safety shower.
Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Hazards from Combustion Products:
Carbon oxides, nitrogen oxides (NOx).
Precautions for Fire Fighters:
Wear self contained breathing apparatus for firefighting if necessary.
Hazchem Code: Not available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Containment and clean up:

Avoid dust formation. Avoid breathing vapors, mist or gas. Do not let product enter drains. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

Provide appropriate exhaust ventilation at places where dust is formed. Protect from ignition sources and heat.

Conditions for Safe Storage:

Keep container tightly closed in a dry and well-ventilated place. Store in cool place

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standard allocated.

Biological Limit Values: No biological limit allocated.

Engineering Controls:

Use only in an area with good ventilation.

Personal Protective Equipment:

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Eye protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures: General industrial hygiene practice.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Red 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): MP: 120°C.

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: Strong oxidizing agents

Incompatible Materials: No data found.

Hazardous Decomposition Carbon oxides, nitrogen oxides (NOx).

Products:

Hazardous Reactions: No data found.

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Ingestion:

May be harmful if swallowed.

Inhalation:

May be harmful if inhaled. May cause respiratory tract irritation.

Skin Contact:

May be harmful if absorbed through skin. May cause skin irritation.

Eye Contact:

May cause eye irritation.

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: Not available.

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

Offer surplus and non-recyclable solutions to a licensed disposal company, or 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:

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.