



Infosafe No™	1CH5W	Issue Date : August 2014	RE-ISSUED by CHEMSUPP
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Product Name : **SUDAN 4**

Classified as hazardous

1. Identification**GHS Product** SUDAN 4**Identifier****Company Name** CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)**Address** 38 - 50 Bedford Street GILLMAN
SA 5013 Australia**Telephone/Fax Number** Tel: (08) 8440-2000
Fax: (08) 8440-2001**Recommended use of the chemical and restrictions on use** Fat stain and laboratory reagent.**Other Names****Name****Product Code**

SUDAN 4

SL089

1-((4-(o-tolylazo)-o-tolyl)azo)-2-naphthol, C.I. 26105, C.I. Solvent red 24, Biebrich Scarlet red, Fat ponceau R, Scarlet R

Other InformationEMERGENCY CONTACT NUMBER: +61 08 8440 2000
Business hours: 8:30am to 5:00pm, Monday to Friday.

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

2. Hazard Identification

GHS classification of the substance/mixture Eye Damage/Irritation: Category 2A
Skin Corrosion/Irritation: Category 2
Single Target Organ Toxicity - Single Exposure Category 3 Respiratory

Signal Word (s) WARNING

Hazard Statement (s) H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Pictogram (s) Exclamation mark

Precautionary statement – Prevention P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Precautionary statement – Storage P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.



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3. Composition/information on ingredients

Chemical Solid

Characterization

Ingredients

NameCASProportionHazard SymbolRisk Phrase

Scarlet red

85-83-6

100 %

Xi

R36/38

4. First-aid measures**Inhalation**

If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Ingestion

Rinse mouth thoroughly with water immediately. Give plenty of water to drink. Do not induce vomiting. Seek immediate medical assistance.

Skin

Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. Seek medical attention.

Eye contact

Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.

First Aid Facilities

Maintain eyewash fountain and safety shower in work area.

Advice to Doctor

Treat symptomatically.

Other Information

For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

5. Fire-fighting measures**Hazards from Combustion**

May liberate toxic fumes in fire (carbon oxides and nitrogen oxides).

Products**Specific Methods**Small fire: Use dry chemical, CO₂ or water spray. If safe to do so, move undamaged containers from the fire area.Large fire: Use dry chemical, CO₂, foam or water spray - Do NOT use water jets.**Specific hazards arising from the chemical**

May burn but do not ignite readily. Containers may explode when heated. When heated, vapours may form explosive mixtures with air. Runoff may pollute waterways. May be transported in a molten form.

Precautions in connection with Fire

Fire will produce irritating, poisonous and/or corrosive gases. Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection.

6. Accidental release measures**Personal Precautions**

Avoid inhalation, contact with skin, eyes and clothing. Avoid substance contact. Avoid generation of dusts: do not inhale dusts. Ensure supply of fresh air in enclosed rooms.

Personal Protection

Wear protective clothing specified for normal operations (see Section 8)

Clean-up Methods - Small Spillages

Sweep up (avoid generating dust) and remove to a suitable, clearly labelled container for disposal in accordance with local regulations.

7. Handling and storage**Precautions for Safe Handling**

Avoid generation or accumulation of dusts. Avoid prolonged or repeated contact with skin, eyes and clothing. Use in well ventilated areas away from all ignition sources. In case of insufficient ventilation, wear suitable respiratory equipment.

Conditions for safe storage, including any incompatibilities

Avoid generating and inhaling dust. Avoid contact with eyes skin and clothing.

Store away from oxidizing agents. Store in a cool, dry place. Keep containers closed at all times.

8. Exposure controls/personal protection**Other Exposure Information**A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Safe Work Australia for this product. There is a blanket limit of 10 mg/m³ for dusts or mists when limits have not otherwise been established.**Appropriate engineering controls**

In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.

Respiratory Protection

Where ventilation is not adequate, respiratory protection may be required. Avoid breathing dust, vapours or mists. Respiratory protection should comply with AS 1716 - Respiratory Protective Devices and be



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Eye Protection	selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.
Hand Protection	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336. Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.
Personal Protective Equipment	Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.
Footwear	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.
Body Protection	Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
Hygiene Measures	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. Physical and chemical properties

Form	Solid
Appearance	Deep red-brown powder.
Melting Point	199 °C
Solubility in Water	Practically insoluble.
Solubility in Organic Solvents	Soluble in oils, fats, warm petrolatum, paraffin, phenol and chloroform. Slightly soluble in acetone, alcohol and benzene.
Flammability	Combustible.
Molecular Weight	380.45

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Dust generation. Heat, flames, ignition sources and incompatibles.
Incompatible Materials	Strong oxidisers.
Hazardous Decomposition Products	Oxides of nitrogen and carbon.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Ingestion	May be harmful if swallowed. May cause irritation to digestive tract, stomach pains, vomiting and diarrhea.
Inhalation	May be harmful by inhalation. May cause irritation of mucous membranes and respiratory tract.
Skin	Harmful in contact with skin. Irritating to skin. May be absorbed through the skin with possible systemic effects.
Eye	Irritating to eyes, with discomfort and tearing.
Carcinogenicity	Scarlet Red [85-83-6] is evaluated in the IARC Monographs (Vol. 8, Suppl. 7; 1987) as Group 3: Not classifiable as to its carcinogenicity to humans.
Mutagenicity	No evidence of mutagenic properties.

12. Ecological information

Ecological Information	No ecology data available for this product.
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13. Disposal considerations

Disposal Considerations	Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.
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14. Transport information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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15. Regulatory information

Regulatory Information	Listed in the Australian Inventory of Chemical Substances (AICS).
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Poisons Schedule	Not Scheduled
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16. Other Information

Date of preparation or last revision of SDS	September 2009
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Literature References

'Standard for the Uniform Scheduling of Medicines and Poisons No. 4', Commonwealth of Australia, June 2013.

Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.

National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.

'Labelling of Hazardous Workplace Chemicals, Code of Practice' Safe Work Australia.

Standards Australia 'AS 1940-2004 The Storage and Handling of Flammable and Combustible Liquids. Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010.

Worksafe Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)]'.

Worksafe Australia, 'Hazardous Substances Information System, 2005'.

Worksafe Australia, 'National Code of Practice for the Labelling of Workplace Hazardous Substances (2011)'.

Worksafe Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]'.

Contact**Person/Point**

Paul McCarthy Ph. (08) 8440 2000	DISCLAIMER STATEMENT:
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Empirical Formula & Structural Formula	C ₂₄ H ₂₀ N ₄ O
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