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| Infosafe No™ | 1CH7Q | Issue Date : August 2019 | RE-ISSUED by CHEMSUPP |
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Product Name : **SUDAN 3**

Classified as hazardous

1. Identification

GHS Product Identifier SUDAN 3

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

Emergency phone number CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)

Recommended use of the chemical and restrictions on use Colouring oils and spirit lacquers, stain and laboratory reagent.

Other Names**Name****Product Code**

SUDAN 3 LR

SL090

1-[4-(Phenylazo)phenylazo]-2-naphthol, 1-((4-(Phenylazo)phenyl)azo)-2-naphthalenol, D & C Red No. 17, C.I. Solvent Red 23, C.I. 26100, Oil red III, Oil scarlet

Other Information

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 Carcinogenicity: Category 2

Signal Word (s) WARNING

Hazard Statement (s) H351 Suspected of causing cancer.

Pictogram (s) Health hazard



Precautionary statement – Prevention P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P281 Use personal protective equipment as required.

Precautionary statement – Response P308+P313 IF exposed or concerned: Get medical advice/attention.

Precautionary statement – Storage P405 Store locked up.

Precautionary statement – Disposal P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition/information on ingredients

Chemical Characterization Solid



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| Sudan III | 85-86-9 | 100 % |
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4. First-aid measures

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| 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. DO NOT INDUCE VOMITING. Seek medical advice if effects persist. |
| Skin | Wash with plenty of soap and water. Remove contaminated clothing and wash before re-use. Seek medical advice if effects persist. |
| Eye contact | Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. If persistent irritation occurs, obtain medical attention. |
| First Aid Facilities | Maintain eyewash fountain and safety shower in work area. |
| Advice to Doctor | Treat symptomatically based on judgement of doctor and individual reactions of the patient. |
| 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

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| Hazards from Combustion Products | May liberate toxic fumes in fire (oxides of carbon, sulfur and nitrogen). |
| Specific Methods | Small fire: Use dry chemical, CO ₂ , water spray or foam. Large fire: Use water spray, fog or foam. |
| Specific hazards arising from the chemical | May burn but do not ignite readily. Runoff may pollute waterways. Fire or heat may produce irritating, poisonous and/or corrosive gases. This product in sufficient quantity and reduced particle size is capable of creating a dust explosion. |
| Decomposition Temp. | 199 °C |
| Precautions in connection with Fire | Wear SCBA and structural firefighter's uniform. |

6. Accidental release measures

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| 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

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| Precautions for Safe Handling | Avoid generation or accumulation of dusts. Do not breathe dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure. Wash hands and face thoroughly after working with material. 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 | Store away from oxidizing agents. Store away from sources of heat or ignition. Keep containers closed at all times. Keep in a cool, dry, well-ventilated place. |

8. Exposure controls/personal protection

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| 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/m ³ 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 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, |



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| Eye Protection | fit testing, training, maintenance and inspection. 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 | Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance. Recommendation: Rubber or plastic gloves. |
| 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

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| Form | Solid |
| Appearance | Reddish brown powder. |
| Odour | Odourless. |
| Decomposition Temperature | 199 °C |
| Melting Point | 199 °C |
| Solubility in Water | Insoluble. |
| Solubility in Organic Solvents | Soluble in chloroform and glacial acetic acid. Moderately soluble in alcohol, ether, acetone, petroleum ether, fixed and volatile oils and hot glycerol. |
| Flammability | Combustible. |
| Molecular Weight | 352.40 |

10. Stability and reactivity

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| Chemical Stability | Stable under normal use conditons. |
| Conditions to Avoid | Heat, flames, ignition sources and incompatibles. |
| Incompatible Materials | Strong oxidisers, strong reducing agents. |
| Hazardous Decomposition Products | Burning and when heated to decomposition may produce oxides of carbon, sulfur and nitrogen. |
| Hazardous Polymerization | Will not occur. |

11. Toxicological Information

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| Ingestion | Large dose may cause gastrointestinal upset. |
| Inhalation | May cause irritation to respiratory system. Symptoms may include coughing and breathing difficulty. |
| Skin | May cause irritation to skin. May cause skin discolouration. |
| Eye | May cause mechanical irritation to eyes. |
| Carcinogenicity | Sudan III [85-86-9] is evaluated in the IARC Monographs (Vol. 8, Suppl. 7; 1987) as Group 3: Unclassifiable as to carcinogenicity to humans. H351 Suspected of causing camnncer. |
| Mutagenicity | No evidence of mutagenic properties. |

12. Ecological information

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| Ecotoxicity | No ecological data available for this product. |
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13. Disposal considerations

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| 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

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| 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

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| 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

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| Literature References | <p>'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia. 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. Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011. Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010. Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'. Safe Work Australia, 'Hazardous Chemical Information System, 2005'. Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'. Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995) 3rd Edition]'.</p> |
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Contact**Person/Point**

Paul McCarthy Ph. (08) 8440 2000 **DISCLAIMER STATEMENT:**
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| Empirical Formula & Structural Formula | C ₂₂ H ₁₆ N ₄ O |
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