



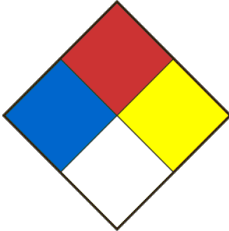
Centre Anti-Poison pour le Québec: (800) 463-5060
 Tél. (Qc): (418) 660-8666 / 800-890-8666
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SAFETY DATA SHEET

SECTION 01 - PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|---|------------------------------------|---|------------------------|
| Product Identifier SUDAN IV | | Product Use Laboratory use | |
| Chemical formula C ₂₄ H ₂₀ N ₄ O | | Product code SP-0109 | Molar weight 380,45 |
| Chemical name / Commercial name / Synonymous Sudan IV; Scarlet red; Solvent red 2; Biebrich scarlet red; 2', 3 - Dimethyl-4-(2-Hydroxynaphthylazo) azobenzene, FAT PONCEAU R; Fat red B; Oil scarlet; Resinol red 2B; Somalia red IV; ÉCARLATE R; 1-(2-Methyl-4-(2-methylphenylazo)phenylazo)-2-naphthol | | | |
| Supplier's name Laboratoire MAT | | Address-Street 610, Adanac Street | |
| City Québec | | Province Québec | |
| Postal code G1C 7B7 | Internet www.labmat.com | Phone number 418-660-8666 / 800-890-8666 | |
| Emergency phone | CANUTEC: 613-996-6666 | CENTRE ANTI-POISON DU QUÉBEC 800-463-5060 | |
| Date SDS 9/24/2020 | SDS Prepared by Laboratoire MAT | E-Mail labmat@labmat.com | |

SECTION 02 - HAZARDS IDENTIFICATION

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| Classification WHIMS / GHS | Not a hazardous substance according to WHMIS 2015 |
| Other dangers | NFPA (Risk: 0=No risk; 1=Slight; 2=Moderate; 3=Signifiant; 4=Extreme) |
|  | Health 1 Fire 0 Reactivity 0 Special danger |

SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

| Ingrédients (Dénomination chimique / synonymes) | Numéro CAS et tout identificateur unique | Concentration (%) |
|---|--|-------------------|
| Soudan IV | 85-83-6 | <=100 |

SECTION 04 - FIRST AID MEASURES

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| Eye contact | Wash eyes with large amounts of water for at least 15 minutes while holding eyelids apart to rinse eyes. If irritation persists, seek medical attention. |
| Skin contact | Wash skin with plenty of water for at least 15 minutes. Remove soiled clothing. If irritation persists, seek medical attention. |
| Inhalation | Move the unwell person to the fresh air. If breathing is difficult, give oxygen. Consult a physician. |
| Ingestion | If the person is conscious, rinse the mouth with water. Never give anything by mouth to an unconscious person. Consult a physician. |
| Most important symptoms and effects (acute and delayed) | Ref. section 11. |
| Immediate medical attention and special treatment, if necessary | In case of medical consultation, keep this sheet available. |
| General advice | Show this safety data sheet to the doctor in attendance. |

SECTION 05 - FIREFIGHTING MEASURES

| | |
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| Flammability | No |
| Ignition conditions | Non flammable. |
| Suitable extinguishing media | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable extinguishing media | Data not available. |
| Hazardous combustion products | Hazardous decomposition products formed under fire conditions. Carbon oxides, Nitrogen oxides (NO _x). |
| Special fire and explosion hazards | May react violently with incompatible products (Ref Section 10). |
| Special protective equipment and precautions for firefighters | Discard incompatible substances if this can be done without risk. Firefighters should be equipped with standard protective equipment, fireproof clothing, face mask, gloves, protective boots and, where appropriate, self-contained breathing apparatus. |

SECTION 06 - ACCIDENTAL RELEASE MEASURES

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| Methods and materials for containment and cleaning up / Personal precautions, protective equipment | Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Pick up with a shovel or broom, taking care not to scatter dust. Dispose of residues in a container provided for the disposal of hazardous materials. Do not let product enter drains. |
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SECTION 07 - HANDLING AND STORAGE

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| Conditions for safe storage | Store in a cool, dry place. Keep container tightly closed and store away from heat, moisture and incompatible products. |
| Methods of handling | Provide appropriate exhaust ventilation at places where dust or vapor is formed. Avoid contact with the skin, eyes and clothes. |

SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace control parameters

| Components | CAS-No. | Control | Value | Basis |
|------------|---------|----------------|-------------------|---|
| SUDAN IV | 85-83-6 | TLV, TWA, STEL | No data available | Canada. Alberta, Occupational Health and Safety Code (table 2: OEL) |
| | | TLV, TWA, STEL | No data available | Canada. British Columbia OEL |
| | | TLV, TWA, STEL | No data available | Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants |

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| Ventilation | Use fan. |
| Respiratory | If the permissible levels are exceeded, use a mechanical filter / cartridge against NIOSH vapors or a respirator with air supply. |
| Gloves | Handle with gloves. |
| Eyes | Safety goggles with safety shutters. |
| Shoes | Safety shoes. |
| Clothing | Labcoat. |
| Engineering control | Have safety showers and eyewash stations in the workplace in case of an emergency and a ventilation system to maintain the level of concentrations in the air below the exposure limit values. |

SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

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|---------------------------------------|--|
| Physical state | Solid. |
| Appearance | Poudre rouge foncé. |
| Odour | inodore. |
| Odour threshold | Data not available |
| pH | Donnée non disponible.. |
| Melting point / Freezing point | 199°C (dec) |
| Initial boiling point | 260°C |
| Boiling range | Data not available |
| Flash point | Data not available |
| Evaporation rate | Data not available |
| Flammability | No |
| Lower flammable / Explosive limit | Data not available |
| Upper flammable / Explosive limit | Data not available |
| Vapour pressure | Data not available |
| Vapour density | Data not available |
| Relative density | 1.33g/cm ³ |
| Solubility | Peu soluble dans l'eau. Soluble dans l'acétone, le benzène et le méthanol. |
| Partition coefficient water/n-octanol | Data not available |
| Auto-ignition temperature | Data not available |
| Decomposition temperature | Data not available |
| Viscosity | Data not available |

SECTION 10 - STABILITY AND REACTIVITY

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| Reactivity | Non-reactive under normal conditions. |
| Chemical stability | Stable under recommended storage conditions. |
| Possibility of hazardous reactions | Stable under normal conditions. Avoid dust formation. |
| Conditions of instability (Including sensitivity to shock / static discharge / vibration) | Avoid extreme temperature variations. Avoid direct sunlight. |
| Incompatible material | Strong oxidizing agents. |
| Hazardous decomposition products | Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx). |

SECTION 11 - TOXICOLOGICAL INFORMATION

SUDAN IV

| | |
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| Routes of exposure | Ingestion, inhalation, skin and eyes. |
| Acute exposition effects / symptoms: | By exposure route below. |
| - Eyes | Irritation. |
| - Skin | Irritation. |
| - Inhalation | Irritation of the mucous membranes and respiratory tract. Nervous disorders, chest pain, cough, dyspnea, headache, dizziness, nausea and vomiting. |
| Acute toxicity (Ingestion) | Irritation of the mucous membranes. Gastrointestinal disorders, cramps, diarrhea, headache, nausea and vomiting. |
| Chronic exposure effects / symptoms | Burning sensation, nervous disorders, liver damage, chest pain, cough, dyspnoea, laryngitis, headache, dizziness, tiredness, loss of appetite, nausea and vomiting. Prolonged exposure to this product is likely to cause cancer. Possible skin sensitization. Group 3: unclassifiable agent for its carcinogenicity (Group 3 IARC). |
| DL50 (specify species and route of entry) | LD50 Oral - Rat - 3600 mg/kg LD50 Dermal - Rat - 2000 mg/kg |
| CL50 (specify species and route of entry) | LC50 - Inhalation - Data not available. |

SECTION 12 - ECOLOGICAL INFORMATION

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| Available ecological information | No |
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SECTION 13 - DISPOSAL CONSIDERATIONS

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| Waste Disposal Method | Dispose of contents / container in accordance with local / regional / national / international regulations / or contact a specialist waste disposal company. |
| Contaminated Packaging | Dispose of as unused product. |

SECTION 14 - TRANSPORT INFORMATION

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|----------------------------|-----|
| UN Number | N/R |
| UN Proper shipping name | |
| Transport hazard class(es) | |
| Packing group | |
| Limited quantity index | |
| ERAP Index | |
| Special precautions | |

SECTION 15 - REGULATORY INFORMATION

| | |
|--------------|---|
| WHIMS CANADA | Not a hazardous substance according to WHMIS 2015 |
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SECTION 16 - OTHER INFORMATION

Further information

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It does not represent any guarantee of the properties of the product. Laboratoire MAT Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

Last Update: 9/24/2020