



MATERIAL SAFETY DATA SHEET

SODIUM SULPHITE

| SECTION 1: Identification of the substance/mixture and of the company/undertaking | | | |
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| 1.1 | Product identifiers | | |
| | Product name | : | SODIUM SULPHITE |
| | Brand | : | LABORT |
| | CAS-No. | : | 7757-83-7 |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | | |
| | Identified uses | : | Laboratory chemicals, Industrial |
| 1.3 | Details of the supplier of the safety data sheet | | |
| | LABORT FINE CHEM PVT LTD. 703-704 ICON BUSINESS CENTRE, OPP. CENTRAL MALL, NR. VALENTINE CINEMA, DUMAS ROAD, SURAT - 395007, (GUJARAT), INDIA. PH: 0091-261-2725761; 2725388 FAX: 0091-261-2725388 E MAIL: info@laboratorychemical.net WEBSITE: www.laboratorychemical.net | | |
| 1.4 | Emergency telephone number | | |
| | Emergency Phone # | : | 091-261-2725388 |
| SECTION 2: Hazards identification | | | |
| 2.1 | Classification of the substance or mixture | | |
| | Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. | | |
| 2.2 | Label elements | | |
| | Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. | | |
| 2.3 | Other hazards | | |
| | This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher. | | |
| SECTION 3: Composition/information on ingredients | | | |
| 3.1 | Substances | | |
| | Formula | : | Na ₂ SO ₃ |
| | Molecular weight | : | 126,04 g/mol |
| | CAS-No. | : | 7757-83-7 |

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| | EC-No. | : | 231-821-4 |
| | Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. | | |
| 3.2 | Mixtures | | |
| | Not applicable. | | |
| SECTION 4: First aid measures | | | |
| 4.1 | Description of first aid measures | | |
| | General advice Consult a physician. Show this safety data sheet to the doctor in attendance. First aider needs to protect himself. If inhaled Fresh air. Immediately call in physician. If breathing stops: immediately apply artificial respiration, if necessary also oxygen. In case of skin contact Wash off with soap and plenty of water. Consult a physician. In case of eye contact Rinse out with plenty of water. Remove contact lenses. If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. | | |
| 4.2 | Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 | | |
| 4.3 | Indication of any immediate medical attention and special treatment needed No data available | | |
| SECTION 5: Firefighting measures | | | |
| 5.1 | Extinguishing media Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. | | |
| 5.2 | Special hazards arising from the substance or mixture Sulphur oxides, Sodium oxides | | |
| 5.3 | Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. | | |
| 5.4 | Further information No data available | | |
| SECTION 6: Accidental release measures | | | |
| 6.1 | Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8. | | |
| 6.2 | Environmental precautions Do not let product enter drains. | | |
| 6.3 | Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. | | |
| 6.4 | Reference to other sections For disposal see section 13. | | |
| SECTION 7: Handling and storage | | | |
| 7.1 | Precautions for safe handling Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2. | | |
| 7.2 | Conditions for safe storage, including any incompatibilities Store in cool place. Keep container tightly closed in a dry and well-ventilated place. | | |

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| | Never allow product to get in contact with water during storage. Do not store near acids. Air and moisture sensitive. Store under inert gas. Recommended storage temperature: 15 - 25°C | |
| 7.3 | Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated | |
| SECTION 8: Exposure controls/personal protection | | |
| 8.1 | Control parameters | |
| | Components with workplace control parameters | |
| 8.2 | Exposure control | |
| | Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. | |
| | Personal protective equipment. | |
| | Eye/face protection Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin 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 Regulation (EU) 2016/425 and the standard EN 374 derived from it. Full contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Splash contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm Break through time: 480 min Body Protection Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection Where risk assessment shows air-purifying respirators are appropriate use a fullface particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Control of environmental exposure Do not let product enter drains. | |
| SECTION 9: Physical and chemical properties | | |
| 9.1 | Information on basic physical and chemical properties | |
| | Appearance Form | Form: Solid |
| | Colour | White |
| | Odour | No data available |

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| | Odour Threshold | No data available |
| | pH | 9,0 - 10,5 at 126 g/l at 25 °C |
| | Melting point/freezing point | No data available |
| | Initial boiling point and boiling range | No data available |
| | Flash point | No data available |
| | Evaporation rate | No data available |
| | Flammability (solid, gas) | No data available |
| | Upper/lower flammability or explosive limits | No data available |
| | Vapour pressure | No data available |
| | Vapour density | No data available |
| | Relative density | 2,630 g/cm3 |
| | Water solubility | 126 g/l at 20 °C - completely soluble |
| | Partition coefficient: noctanol/water | No data available |
| | Auto-ignition temperature | No data available |
| | Decomposition temperature | No data available |
| | Viscosity | No data available |
| | Explosive properties | No data available |
| | Oxidizing properties | No data available |
| 9.2 | Other safety information | No data available |
| SECTION 10: Stability and reactivity | | |
| 10.1 | Reactivity No data available | |
| 10.2 | Chemical stability Stable under recommended storage conditions. | |
| 10.3 | Possibility of hazardous reactions No data available | |
| 10.4 | Conditions to avoid Exposure to air may affect product quality. Exposure to moisture may affect product quality. | |
| 10.5 | Incompatible materials Acids, Strong oxidizing agents | |
| 10.6 | Hazardous decomposition products Other decomposition products - Contact with acids releases sulphur dioxide. Hazardous decomposition products formed under fire conditions. - Sulphur oxides, Sodium oxides In the event of fire: see section 5 | |
| SECTION 11: Toxicological information | | |
| 11.1 | Information on toxicological effects Acute toxicity LD50 Oral - Rat - 3.560 mg/kg LC50 Inhalation - Rat - 4 h - > 5.500 mg/m3 LD50 Dermal - Rat - > 2.000 mg/kg (OECD Test Guideline 402) | |

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| | <p>Skin corrosion/irritation Skin - Rabbit Result: No skin irritation (OECD Test Guideline 404)</p> <p>Serious eye damage/eye irritation Eyes - Rabbit Result: Mild eye irritation (OECD Test Guideline 405)</p> <p>Respiratory or skin sensitisation Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. in vivo assay - Mouse Result: Did not cause sensitisation on laboratory animals.</p> <p>Germ cell mutagenicity No data available</p> <p>Carcinogenicity This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification. IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Sodium sulphite)</p> <p>Reproductive toxicity No data available</p> <p>Specific target organ toxicity - single exposure No data available</p> <p>Specific target organ toxicity - repeated exposure No data available</p> <p>Aspiration hazard No data available</p> <p>Additional Information RTECS: WE2150000 May cause irritation of the:, Gastrointestinal tract, violent colic, Diarrhoea, Disturbance of:, circulatory system, Central nervous system depression, death, Persons with allergies and/or asthma may exhibit hypersensitivity to sulfites.,</p> <p>To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.</p> <p>Liver - Irregularities - Based on Human Evidence</p> | |
| SECTION 12: Ecological information | | |
| 12.1 | Toxicity | |
| | Toxicity to fish | LC50 - Gambusia affinis (Mosquito fish) - 660 mg/l - 96 h |
| 12.2 | Persistence and degradability The methods for determining biodegradability are not applicable to inorganic substances. | |
| 12.3 | Bioaccumulative potential No data available. | |
| 12.4 | Mobility in soil No data available | |
| 12.5 | Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted | |
| 12.6 | Other adverse effects No data available | |
| SECTION 13: Disposal considerations | | |
| 13.1 | Waste treatment methods | |
| | Product Offer surplus and non-recyclable solutions to a licensed disposal company. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. | |

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| | Contaminated packaging Dispose of as unused product. | | |
| SECTION 14: Transport information | | | |
| 14.1 | UN number | | |
| | ADR/RID: - | IMDG: - | IATA: - |
| 14.2 | UN proper shipping name | | |
| | ADR/RID: Not dangerous goods SODIUM SULPHITE IMDG: Not dangerous goods SODIUM SULPHITE IATA: Not dangerous goods SODIUM SULPHITE | | |
| 14.3 | Transport hazard class(es) | | |
| | ADR/RID: - | IMDG: - | IATA: - |
| 14.4 | Packaging group | | |
| | ADR/RID: - | IMDG: - | IATA: - |
| 14.5 | Environmental hazards | | |
| | ADR/RID: No | IMDG Marine pollutant: No | IATA: No |
| 14.6 | Special precautions for user No data available | | |
| SECTION 15: Regulatory information | | | |
| 15.1 | Safety, health and environmental regulations/legislation specific for the substance or mixture This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. | | |
| 15.2 | Chemical safety assessment For this product a chemical safety assessment was not carried out. | | |
| SECTION 16: Other information | | | |
| | Further information LABORT FINE CHEM PVT LTD. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. LABORT FINE CHEM PVT LTD. Makes no representations or warranties, either express or implied, including without limitation any warranties or merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, LABORT FINE CHEM PVT LTD. will not be responsible for damages resulting from use of or reliance upon this information. Revised on: 29/07/20 Revision: 01 | | |