

SAFETY DATA SHEET
Sr Resin SDS - Bulk and Cartridge

Revision Date: 01-Feb-18

Section 1: Chemical Product and Company Identification

Product Name Sr Resin
Product Number(s): SR-B01-A, SR-B01-F, SR-B01-S, SR-B100-A, SR-B100-S, SR-B200-A, SR-B25-A, SR-B25-F, SR-B25-S, SR-B50-A, SR-B50-S, SR-R01-S, SR-R25-S, SR-R50-S, SR-S50-S-2-3
Product Synonym(s): Sr Resin
Identified Uses: Laboratory chemicals, manufacture of substances
Manufacturer: Eichrom Technologies LLC
1955 University Lane
Lisle, Illinois 60532
General Information: (8-5 CST M-F)
800-422-6693 (in USA)
630-963-0320
24 Hour Emergency Number (US/Canada): 1-800-255-3924 **CHEMTEL Contract #:** MIS9554039
24 Hour International Access Number: 1-813-248-0585
Country Specific Emergency Numbers:
Australia: 1-300-954-583 India: 000-800-100-4086
Brazil: 0-800-591-6042 Mexico: 1-800-99-731

Section 2: Hazard(s) Identification

2.1 Classification of the substance or mixture

GHS Classification of substance or mixture in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Oral (Category 4)

Acute toxicity, Dermal (Category 4)

Skin Irritant

Eye Irritant

Acute toxicity, Inhalation (Category 4)

Respiratory Tract Irritation

2.2 GHS Label elements, including precautionary statements

Pictogram:



Signal Word Warning

Hazard Statement(s):

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| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |

Precautionary Statement(s):

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| Prevention | P261 | Avoid breathing dust/fume/gas/mist/vapors/spray. |
| | P264 | Wash hands thoroughly after handling. |
| | P270 | Do not eat, drink or smoke when using this product. |
| | P271 | Use only outdoors or in a well-ventilated area. |
| | P280 | Wear protective gloves, clothing, and eye protection. |
| Response | P301+P312 | IF SWALLOWED: Call a POISON CONTROL CENTER or doctor if you feel unwell. |
| | P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| | P304+P340 | IF INHALED: Remove 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. |
| | P332+P313 | If skin irritation occurs, seek medical attention. |
| P337+P313 | If eye irritation persists, get medical attention. | |

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| | P362+P364 | Take off contaminated clothing and wash before reuse. |
| Storage | P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| Disposal | P501 | Dispose of contents/container in accordance with federal, state, and local regulations. |

2.3 Hazards Not Otherwise Classified (HNOC) or not covered by GHS:

Section 3: Composition / Information on Ingredients

| Component | CAS_Number | Percentage Range |
|---|--------------|------------------|
| Nonionic Acrylic Ester Polymer | Trade Secret | 61.5% |
| 4,4'(5') di-t-butylcyclohexane-18-crown-6 | 223719-29-7 | 20.5% |
| N-Octanol | 111-87-5 | 18% |

Section 4: First-aid Measures

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| General Advice | Symptoms of poisoning may occur after several hours; therefore medical observation is recommended for at least 48 hours after exposure. |
| Ingestion | Contact local poison control center. |
| Skin Contact | Wash immediately with soap and copious amounts of water. Remove and wash contaminated clothing promptly. If irritation develops, seek medical attention. |
| Eye Contact | Irrigate immediately with water for 15 minutes. Mechanical irritation is possible; seek medical attention. |
| Inhalation | Remove to fresh air. If breathing is labored, administer oxygen. If not breathing, give artificial respiration. Seek medical attention. |
| Most important symptoms and effects, both acute and delayed | The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known. |
| Indication of any immediate medical attention and special treatment needed | Treat according to symptoms (decontamination, vital functions), no known specific antidote. |

Section 5: Firefighting Measures

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| Extinguishing Media | Foam, CO2, Dry Chemical |
| Fire and Explosion Hazards | Polymer does not support flame. Highly toxic and irritating fumes may be released and extinguishing water runoff may be toxic. |
| Protective Equipment | Wear positive pressure self-contained breathing apparatus and full personal protective equipment. |
| Special Hazards | Possible combustion products include carbon dioxide and carbon monoxide. |

Section 6: Accidental Release Measures

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| Personal Precautions | Use proper personal protect equipment (specified in section 8) Surface may be slippery. |
| Environmental Precautions | Avoid release to the environment. |
| Methods and materials for containment and clean-up | Ventilate area and wash spill site after material pickup is complete. Sweep up material and transfer to a suitable container for disposal. |
| Reference to other sections | For disposal see section 13. |

Section 7: Handling and Storage

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| Conditions for safe handling | Use mechanical exhaust if dust is formed. |
| Conditions for safe storage | Normal warehouse storage in cool, dry area is satisfactory. Keep away from strong oxidizers. |
| Specific End Use(s) | Apart from the uses mentioned in section 1 no other specific uses are stipulated. |

Section 8: Exposure Controls / Personal Protection

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| Control Parameters | Per AIHA WEEL, 8hr-TWA for Octan-1-ol is 50 ppm. |
| Exposure Controls | Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Mechanical exhaust is required. Do not eat, drink or smoke when using this product. |
| Eye protection | Wear safety glasses. |
| Skin Protection | Wear impervious gloves and clean body-covering clothing. |
| Respiratory protection | Use NIOSH/MSHA approved respirator when handling material outside of mechanical exhaust. An air-purifying respirator with an organic vapor cartridge or canister may be permissible. Do not breathe dust or mist. |

Section 9: Physical Properties

Information on basic physical and chemical properties

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| Appearance: | Powder Off-white, spherical beads | Explosion Limits (Upper/Lower): | Not Established |
| Odor: | Characteristic | Flash Point: | Not Established |
| Odor Threshold: | Not Established | Flammability: | Not Established |
| pH: | Not Relevant | AutoIgnition Temperature: | Product is not self-igniting. |
| Melting Point: | Not Established | Decomposition Temperature | Ignition Temperature is 270°C |
| Boiling Point: | Not Established | VaporPressure: | Not Established |
| Relative Density: | 0.35 g/mL at 25°C | VaporDensity: | Not Established |
| Solubility: | Insoluble in water | Evaporation Rate: | Not Established |
| Partition Coefficient: | Not Established | | |
| Viscosity: | Not applicable | | |

Section 10: Stability and Reactivity

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| Reactivity | No hazardous reactions if stored and handled as indicated. |
| Hazardous reactions | Reacts with strong oxidizing agents. |
| Materials to Avoid | Contact with strong oxidizers will degrade material. |
| Hazardous decomposition Products | Possible combustion products include carbon monoxide and carbon dioxide. |

Section 11: Toxicology Information

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| | The product has not been tested. The statements on toxicology have been derived from the properties of the individual components. |
| Other | The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the revision available on 9-Mar-2012: Harmful Irritant |
| Acute Toxicity | |
| Oral Effects | Polymer, Oral LD50 > 5,000 mg/kg (rat). LD50 for cyclocrown has not been determined. LD50 for octan-1-ol is 1790 mg/kg (mouse). |
| Inhalation Effects | No data available for acute inhalation effects of this product. |
| Eye Effects | No data available. May cause irritation or corneal injury. |
| Dermal Effects | Octan-1-ol can be absorbed through skin. |
| Skin corrosion/irritation | Irritant to skin and mucous membranes. |
| Serious eye damage/irritation | Irritant to eye. |
| Respiratory or skin sensitization | |

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| | Based on the ingredients, there is no suspicion of a skin-sensitizing potential. |
| | No data available regarding respiratory sensitization effects of this product. |
| Germ Cell Mutagenicity | No data available regarding mutagenic effects of this product. |
| Carcinogenicity | No data available regarding carcinogenic effects of this product. |
| Reproductive Toxicity | No data available regarding reproductive effects of this product. |
| Specific Target Organ Toxicity | No data available regarding specific target organ toxicity single exposure. |
| Single Exposure | No data available regarding specific target organ toxicity single exposure. |
| Repeated Exposure | No data available regarding specific target organ toxicity repeated exposure. |
| Aspiration Hazard | No data available regarding the aspiration hazard of this product. |

Section 12: Ecological Information

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| Aquatic Toxicity | *The product has not been tested. The statement has been derived from the properties of individual components using an additivity method. |
| Persistence and degradability | No data are available for persistence and degradability. |
| Bioaccumulative potential | No data are available for bioaccumulative potential. |
| Mobility in Soil | No data are available for mobility in soil. |
| PBT/vPvB assessment | PBT/vPvB assessment not available as chemical safety assessment not required/not conducted. |
| Other | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects. |

Section 13: Disposal Considerations

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| General | Dispose of contents/container in accordance with federal, state, and local regulations. |
| Unused: | Bury resin in licensed landfill or burn in approved incinerator equipped with an afterburner and scrubber according to local, state, and federal regulations. |
| Used: | For resin contaminated with hazardous materials, dispose of mixture as hazardous material according to local, state, and federal regulations. |

Section 14: Transport Information

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| Air Transport: | Not Hazardous per IATA 2014 |
| Ground Transport: | Not D.O.T. Hazardous |
| Water Transport: | Not Hazardous per IMDG 2012. |

Section 15: Regulatory Information

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| US Federal Regulations | Toxic Substances Control Act (TSCA): This material is provided to you under the research and development (R&D) exemption. |
| US State Regulations | A component, Octan-1-ol [CAS 111-87-5], is listed on the following state right to know lists: MN, PA |

Section 16: Other Information

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Revision Date: 01-Feb-18

Revision Updated to GHS SDS format, including classification

1-Feb-2018: Update Emergency Phone Numbers

SDS Prepared By: Eichrom Technologies LLC

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