

# SAFETY DATA SHEET

Sr Resin SDS - Bulk and Cartridge

Revision Date: 29-Aug-23

## Section 1: Chemical Product and Company Identification

**Product Name** Sr Resin  
**Product Number(s):** SR1ML-R01-S, SR1ML-R50-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, SRQML-R01-F, SRQML-R100-F, 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):

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):

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.
	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	Weight Percentage
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

General Advice	Symptoms of lead 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 several 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

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

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

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**

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

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		
Relative Density:	0.35 g/mL at 25°C	VaporPressure:	Not Established
Solubility:	Insoluble in water	VaporDensity:	Not Established
Partition Coefficient:	Not Established	Evaporation Rate:	Not Established
Viscosity:	Not applicable		

**Section 10: Stability and Reactivity**

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**

	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	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. No data available regarding specific target organ toxicity repeated exposure.
Single Exposure	
Repeated Exposure	
Aspiration Hazard	No data available regarding the aspiration hazard of this product.

### Section 12: Ecological Information

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

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

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

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**

Revised:	8/29/2023
Replaces Revision:	11/23/2020
Revision	Reviewed: No changes
	1-Feb-2018: Update Emergency Phone Numbers
	23-Nov-20: 1mL Cartridge part numbers added.
	2-July-2019: QML Cartridge part numbers added.
SDS Prepared By:	Eichrom Technologies LLC

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