

SAFETY DATA SHEET

CU Resin SDS - Bottle

Revision Date: 13-Oct-22

Section 1: Chemical Product and Company Identification

Product Name CU Resin
Product Number(s): CU-B01-A, CU-B100-A, CU-B100-S, CU-B200-A, CU-B25-A, CU-B25-S, CU-B50-A, CU-B50-S, CU-C50-A
Product Synonym(s): CU Resin
Identified Uses: Laboratory chemicals, manufacture of substances
Supplier: 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:

1-800-255-3924 CHEMTEL Contract #:MIS9554039

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)

Skin Irritant and Eye Irritant

Respiratory Tract Irritation

2.2 GHS Label elements, including precautionary statements

Pictogram:



Signal Word

Warning

Hazard Statement(s):

H315+H319 Causes skin irritation and serious eye irritation

H335 May cause respiratory irritation

Precautionary Statement(s):

Prevention	P261	Avoid breathing dust and vapors.
	P264	Wash hands thoroughly after handling.
	P271	Use only outdoors or in a well-ventilated area.
	P280	Wear protective gloves, clothing, and eye protection.
Response	P302+P352	IF ON SKIN: Wash with plenty of soap and water.
	P304+P340+P312	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a doctor if you feel unwell.
	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.
	P362+P364	Take off contaminated clothing and wash before reuse.
Storage	P403	Store in a well-ventilated place.
	P403+P233	Store in a well-ventilated place. Keep container tightly closed.
	P405	Store locked up.
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	50-100%
Benzaldoxime compound		5-50%

Section 4: First-aid Measures

General Advice	Symptoms of poisoning may occur after several hours; therefore medical observation is recommended for at least 48 hours after exposure.
Ingestion	IF SWALLOWED: IMMEDIATELY call a POISON CONTROL CENTER or doctor. Rinse mouth.
Skin Contact	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, seek medical attention.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
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	No further relevant information available

Section 5: Firefighting Measures

Extinguishing Media	Foam, CO2, Dry Chemical, Water Spray.
Protective Equipment	Wear positive pressure self-contained breathing apparatus and full personal protective equipment.
Special Hazards	No further relevant information available.

Section 6: Accidental Release Measures

Personal Precautions	Use proper personal protect equipment (specified in section 8)
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. Collect Spillage.
Reference to other sections	For disposal see section 13.

Section 7: Handling and Storage

Conditions for safe handling	Do not discharge waste into drain. Use mechanical exhaust if dust is formed.
Conditions for safe storage	Normal warehouse storage in cool, dry area is satisfactory. Keep away from flammable materials. Keep away from strong oxidizers. Protect from exposure to light.
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	Contains no substances with occupational exposure limit values.
Exposure Controls	Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product.
Eye protection	Wear safety glasses.
Skin Protection	Wear impervious gloves and clean body-covering clothing.
Respiratory protection	Do not breathe dust.

Section 9: Physical Properties

Information on basic physical and chemical properties

Appearance:	Powder Off-white, spherical beads	Explosion Limits (Upper/Lower):	Not determined
Odor:	Characteristic	Flash Point:	Not applicable
Odor Threshold:	Not determined	Flammability:	Not determined
pH:	Not applicable	AutoIgnition Temperature:	Not self-igniting. Ignition temperature is 427°C.
Melting Point:	Not determined		
Boiling Point:	Not determined	Decomposition Temperature	Not determined
Relative Density:	0.38 g/mL at 20°C		
Solubility:	Insoluble	VaporPressure:	Not applicable
Partition Coefficient:	Not determined	VaporDensity:	Not applicable
Viscosity:	Not Applicable	Evaporation Rate:	Not applicable

Section 10: Stability and Reactivity

Reactivity	No hazardous reactions if stored and handled as indicated.
Chemical Stability	Stable under normal handling and storage conditions.
Hazardous reactions	Reacts with strong oxidizing agents. Reacts with flammable substances. Toxic fumes may be released if heated above the decomposition point.
Conditions to Avoid	No relevant information available.
Materials to Avoid	Contact with strong oxidizers will degrade material.
Hazardous decomposition Products	Possible decomposition products include carbon oxides, nitrogen oxides (NOx), and ammonia

Section 11: Toxicology Information

Acute Toxicity	
Oral Effects	Polymer, Oral LD50 > 5,000 mg/kg (rat). Benzaldoxime compound - Oral LD50 1.25-5 mg/kg (rat).
Dermal Effects	Polymer, Dermal LD50 > 5,000 mg/kg (rabbit). Benzaldoxime compound - Oral LD50 2.5 mg/kg (rat).
Skin corrosion/irritation	Irritant to skin and mucous membranes.
Serious eye damage/irritation	Irritant to eye.
Respiratory or skin sensitization	No data available regarding respiratory or skin 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	
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 aspiration hazards associated with this product.

Section 12: Ecological Information

Aquatic Toxicity	No data are available on the adverse effects of this material on the environment.
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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	Per supplier, very toxic to fish. Water hazard class 3 based on their self-assessment.

Section 13: Disposal Considerations

General	Dispose of contents/container in accordance with federal, state, and local regulations. Avoid disposal to sewers and local waterways.
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

UN Number	UN3077
Land Transport (US DOT)	
Hazard Class	9
Packing Group	III
Hazard Label	9
Proper Shipping Name	Environmentally hazardous substance, solid, n.o.s. (Benzaldoxime compound)

US Department of Transportation Exceptions:
 From 49 CFR 171.4 (c) (2) -- Single or combination packagings having a net mass of 5 kg or less for solids, are not subject to any other requirements of 49 CFR Subchapter C [Parts 171 – 177] provided the packagings meet the general requirements in §§173.24 and 173.24a [provided transportation is not by any form of watercraft capable of being used as a means of transportation on the water]

Air Transport (IATA)	
Hazard Class	9
Packing Group	III
Hazard Label	9
Proper Shipping Name	Environmentally hazardous substance, solid, n.o.s. (Benzaldoxime compound)

IATA Exceptions:
 NEW PROVISION (2015)
 From IATA DGR 56th edition Special Provision A197 -- UN3077 substances may be shipped as “not restricted” provided that the net quantity in any receptacle does not exceed 5 kg and the packaging used meets defined standards. Hazardous substance mark is not required on single packagings and combination packagings.

Water Transport (IMDG)	
Hazard Class	9
Packing Group	III
Hazard Label	9
Proper Shipping Name	Environmentally hazardous substance, solid, n.o.s. (Benzaldoxime compound), MARINE POLLUTANT

IMDG Exceptions:
 From IMDG Code 2.10.2.7 -- Marine pollutants packaged in single or combination packagings having a net mass per single or inner packaging of 5 kg or less for solids are not subject to any other provisions of the 2014 IMDG 4Code relevant to marine pollutants provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

Section 14: Transport Information**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.

Section 16: Other Information

Revised: 10/13/2022
Replaces Revision:
Revision New SDS.
SDS Prepared By: Eichrom Technologies LLC

The information set forth herein has been gathered from standard reference materials and is to the best knowledge and belief of Eichrom Technologies LLC, accurate and reliable. Such information is offered solely for your consideration, investigation and verification, and does not suggest or guarantee that the hazard precautions or procedures mentioned are the only ones that exist. Eichrom Technologies LLC makes no warranties, express or implied, with respect to the use of such information or the use of the specific material identified herein in combination with any other material or process, and assumes no responsibility therefore.