

SAFETY DATA SHEET

Prefilter Resin SDS - Bulk and Cartridge

Revision Date: 27-May-15

Section 1: Chemical Product and Company Identification

Product Name Prefilter Resin
Product Number(s): PF1ML-R01-A, PF1ML-R50-A, PF-B01-A, PF-B01-F, PF-B01-L, PF-B01-S, PF-B100-A, PF-B200-A, PF-B25-S, PF-B50-A, PF-R01-A, PF-R25-A, PF-R50-A, PF-R50-I
Product Synonym(s): Prefilter 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:

CHEMTREC: 800-424-9300

Section 2: Hazard(s) Identification



GHS Signal Word: **Warning**
GHS Classification of substance or mixture: Skin Irritant
Eye Irritant
Respiratory Tract Irritation
Hazard Statement(s): H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

Prevention:

P261 Avoid breathing dust.
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 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.
P312 Call a POISON CONTROL CENTER or doctor if you feel unwell.
P332/P313 If skin irritation occurs, seek medical attention.
P337/P313 If eye irritation persists, get medical attention.
P362 Take off contaminated clothing and wash before reuse.

Storage:

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.

Section 3: Composition / Information on Ingredients

Component	CAS_Number	Percentage Range
Nonionic Acrylic Ester Polymer		100%

Section 4: First-aid Measures

Ingestion	Call a POISON CONTROL CENTER or doctor if you feel unwell.
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	If eye irritation persists, get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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	No further relevant information available.
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 Use fire extinguishing methods suitable to surrounding conditions
Fire and Explosion Hazards	Highly toxic and irritating fumes may be released and extinguishing water runoff may be toxic.
Special Hazards	No further relevant information available
Protective Equipment	Wear positive pressure self-contained breathing apparatus and full personal protective equipment.

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
Containment Cleanup	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

Specific End Use(s)	Apart from the uses mentioned in section 1 no other specific uses are stipulated.
Conditions for safe handling	CAUTION: Do not pack glass column with dry ion exchange resins. Dry beads expand when wetted; this expansion can cause glass column to shatter. Avoid repeated freeze-thaw cycles; beads may fracture. If frozen, thaw at room temperature. Use mechanical exhaust if dust is formed.
Conditions for safe storage	Normal warehouse storage in cool, dry area is satisfactory.

Section 8: Exposure Controls / Personal Protection

Control Parameters	Contains no substances with occupational exposure limit values.
Eye protection	Wear safety glasses.
Skin Protection	Wear protective gloves and clothing
Respiratory protection	Do not breathe dust.

Section 9: Physical Properties

Information on basic physical and chemical properties

Appearance:	Powder white, spherical beads	Explosion Limits (Upper/Lower):	Not Established.
Odor:	Odorless	Flash Point:	Not applicable.
Odor Threshold:	No data available	Flammability:	May form combustible dust concentrations in air.
pH:	Not Relevant	AutoIgnition Temperature:	427 °C (800.6°F) estimated
Melting Point:	No data available.	Decomposition Temperature	No data available
Boiling Point:	No data available.		
Relative Density:	0.6 g/mL at 25°C.		
Solubility:	Practically insoluble in water.	VaporPressure:	Not Applicable.
Partition Coefficient:	No data available.	VaporDensity:	Not Applicable.
Viscosity:	Not Applicable	Evaporation Rate:	<1 (Butyl Acetate = 1).

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	No hazardous reactions are expected in normal laboratory use. Hazardous polymerization will not occur.
Conditions to Avoid	Avoid all sources of ignition; heat, sparks, open flame. Avoid electro-static discharge.
Materials to Avoid	There are no known materials which are incompatible with this product.
Hazardous decomposition Products	Thermal decomposition may yield the following: monomer vapors.

Section 11: Toxicology Information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

Acute Toxicity	
Oral Effects	Oral LD50 > 5,000 mg/kg (rat)
Inhalation Effects	No data available for acute inhalation effects of this product.
Dermal Effects	Dermal LD50 > 5,000 mg/kg (rabbit)
Skin corrosion/irritation	No data available regarding skin irritation/corrosion.
Serious eye damage/irritation	No data available regarding serious eye damage/irritation.
Respiratory or skin sensitization	No data available regarding respiratory or skin sensitization effects of the powder component.
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.
Other	No data are available for this material. The information shown is based on profiles of compositionally similar materials.

Section 12: Ecological Information

	*The product has not been tested. The statement has been derived from the properties of individual components using an additivity method.
Aquatic Toxicity	No data are available on the adverse effects of this material on the environment.
Persistence and degradability	Persistence and degradability: No further relevant information available.
Bioaccumulative potential	Bioaccumulative potential: No further relevant information available.
Mobility in Soil	Mobility in soil: No further relevant information available.

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.
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Section 16: Other Information

SDS Prepared By:	Eichrom Technologies LLC
Revision	Updated to GHS SDS format, including classification

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