



	P362+P364	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.

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	60%
Phosphorous based extractant	Trade Secret	40%

### Section 4: First-aid Measures

General Advice	The hazardous properties of this material have not been established. Treat material as if it were toxic when evaluating first aid requirements.
Ingestion	IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
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 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	Treat according to symptoms (decontamination, vital functions), no known specific antidote.

### Section 5: Firefighting Measures

Extinguishing Media	Foam, CO2, Dry Chemical
Protective Equipment	Wear positive pressure self-contained breathing apparatus and full personal protective equipment.
Special Hazards	Possible combustion products include phosphorous oxides and carbon oxides, in addition to unidentified organic compounds.

### Section 6: Accidental Release Measures

Personal precautions	Avoid creating and breathing dust. See section 8. Surface may be slippery. Use proper personal protect equipment (specified in section 8)
Environmental Precautions	Avoid release to the environment.
Methods and materials for containment and clean-up	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	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use mechanical exhaust if dust is formed.
Conditions for safe storage	Normal warehouse storage in cool, dry area is satisfactory. Keep away from direct sunlight, heat sources, and sources of ignition Keep away from alkalis and caustic products. 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	Contains no substances with occupational exposure limit values.
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 goggles and/or face shield.
Skin Protection	Wear impervious gloves and clean body-covering clothing. Wash hands thoroughly after handling.
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.

**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:	166 °C (Phosphorous based extract, closed cup)
Odor Threshold:	Not Established	Flammability:	Not Established
pH:	Not applicable	AutoIgnition Temperature:	Not Established
Melting Point:	Not Established	Decomposition Temperature	Not Established
Boiling Point:	392 °C (Phosphorous based extract)	VaporPressure:	Not Established
Relative Density:	0.35 g/mL at 25°C	VaporDensity:	Not Established
Solubility:	practically insoluble in water	Evaporation Rate:	Not Established
Partition Coefficient:	Not Established		
Viscosity:	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	No hazardous reactions are expected in normal laboratory use. Hazardous polymerization will not occur.
Conditions to Avoid	Exposure to elevated temperatures can cause product to decompose. Avoid all sources of ignition; heat, sparks, open flame. Avoid electro-static discharge. Keep away from heat, flames, and sparks.
Materials to Avoid	Contact with strong oxidizers will degrade material. Reacts with strong bases with the release of heat.
Hazardous decomposition Products	Possible combustion products include carbon monoxide, carbon dioxide, and phosphorous oxides.

**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	Polymer, Oral LD50 > 5,000 mg/kg (rat). Extractant, Oral LD50 > 500 mg/kg (rat). Conclusion is not possible due to incomplete or heterogeneous data on the components
Inhalation Effects	No data available for acute inhalation effects of this product.
Dermal Effects	Polymer, Dermal LD50 > 5,000 mg/kg (rabbit). Extractant, Dermal LD50 is >1,000 mg/kg (rabbit). Conclusion is not possible due to incomplete or heterogeneous data on the components.

Skin corrosion/irritation	Extractant is Skin Irritant.
Serious eye damage/irritation	Extractant, Eye(Rabbit): Irreversible effects on the eye. Risk of serious damage to eyes.
Respiratory or skin sensitization	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

\*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 for toxicity on fish.
Acute Toxicity to fish	Extractant: EC50 - 48 hr - Daphnia magna (Water flea) - between 43 and 61 mg/l
Acute Toxicity to aquatic invertebrates	Extractant: ErC50 - 72 hr: algae - 92 mg/l
Acute toxicity to aquatic plants	Extractant: NOEC50 - 72 hr: algae - 33 mg/l
	Extractant: EC50 - 48 hr - Chlorella emersonii - >100 mg/l growth rate
Chronic Aquatic Toxicity	Extractant: LOEC - 48 days - Oncorhynchus mykiss (rainbow trout) - 20.6 mg/l
Chronic Toxicity to fish	No data are available for persistence and degradability.
Persistence and degradability	No data are available for bioaccumulative potential.
Bioaccumulative potential	No data are available for mobility in soil.
Mobility in Soil	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
PBT/vPvB assessment	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.
Other	

### Section 13: Disposal Considerations

General	Avoid disposal to sewers and local waterways.
	Dispose of contents/container in accordance with federal, state, and local regulations.
Unused:	Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
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

Canada - DSL/NDSL	This product contains one or more components listed on the Canadian NDSL.
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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One or more components of this product meets the definition of an acute health hazard under SARA 311/312.

**US State Regulations**

This product contains no listed substances known to the state of California to cause cancer, birth defects, or other reproductive harm, at levels which would require a warning under California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act)

**Section 16: Other Information**

Revision Updated to GHS SDS format, including classification

1-Feb-2018: Update Emergency Phone Numbers

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.