

Safety Data Sheet

Sterogene Bioseparations, Inc.
1949 Kellogg Avenue
Carlsbad, CA 92008

Section 1 – Product and Company Information

Product Name: IonClear BigBead
Product Number: 30041
Company Name and Address: Sterogene Bioseparations, Inc.
1949 Kellogg Avenue
Carlsbad, CA 92008
(760) 929-0455 (phone)
(760) 929-8720 (fax)
www.sterogene.com
Emergency Phone #: (760) 207-2765

Section 2 – Hazards Identification

Emergency Overview

Caution: Avoid unnecessary skin contact, eye contact and ingestion. May cause severe eye irritation and moderate corneal injury. Skin irritation may occur with prolonged or repeated exposure. The risk of hazardous effects from the ingestion of small amounts is considered to be minimal.

NFPA Rating

Data not available

Section 3 – Composition/Information on Ingredients

Ingredient	CAS #	% Composition
Sulfonated copolymer of Styrene and Divinylbenzene in the Hydrogen form	69011-20-7	10-30%
Trimethylamine functionalized, Chloromethylated copolymer of Styrene and Divinylbenzene in the Hydroxide form	69011-18-3	10-30%
Water	7732-18-5	40-70%

Section 4 – First Aid Measures

If Swallowed

If swallowed and the victim is conscious, rinse mouth with water. DO NOT induce vomiting. Seek immediate medical attention.

If Inhaled

If inhaled, remove person to fresh air. If breathing is difficult, administer oxygen. If victim is not breathing, administer artificial respiration.

In Case of Skin Contact

In case of contact, immediately wash skin with soap and copious amounts of water. Contact a physician if irritation develops.

In Case of Eye Contact

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Contact a physician, preferably an ophthalmologist.

Section 5 – Fire Fighting Measures

Conditions of Flamability

Flash Point: not available

Suitable Extinguishing Media

Water spray, dry chemical, carbon dioxide or the appropriate foam.

Protective Equipment

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Contain fire water run-off if possible, as the run-off may cause environmental damage.

Specific Hazards

May emit the following under fire conditions: Ammonia, Aldehydes, Naphthalene, Benzene Compounds, Phenol, Carbon Oxides, Organic Amines, Chlorinated Hydrocarbons, Sulfur Oxides and Organic Sulfonates.

Section 6 – Accidental Release Measures

Personal Precautions

Wear chemical safety goggles, rubber boots and gloves, and clothing suitable to prevent contact with skin. Beads may present a slipping hazard on hard surfaces.

Methods for Cleanup

Sweep up material and place in closed containers for disposal. Wash spill site with water after material pickup is complete. Follow all applicable federal, state and local regulations.

Section 7 – Handling and Storage

Handling-User Exposure

Avoid inhalation, ingestion and contact with skin, eyes and clothing. Avoid prolonged or repeated exposure.

Suitable Storage

Store in a tightly sealed container according to label instructions.

Section 8 – Exposure Controls

Engineering Controls

Ensure that safety shower and emergency eye wash station are proximal to the work area. Provide exhaust ventilation when required.

Personal Protective Equipment

Respiratory

NIOSH/MSHA approved respirator

Hand

Chemical resistant gloves

Eye

Chemical splash goggles or safety glasses

Skin Specific

Lab coat or appropriate protective clothing

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Section 9 – Physical/Chemical Properties

Appearance White to dark amber beads
Odor Odorless to amine
Solubility Insoluble in H₂O

Data on physical and chemical properties not available.

Section 10 – Stability and Reactivity

Stability

Stable under recommended storage conditions.

Materials/Conditions to Avoid

Excessive heat may cause decomposition of active ingredient. Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products

Thermal decomposition may yield the following: Vinylbenzenes, Ammonia, Aldehydes, Naphthalene, Benzene compounds, Phenol, Carbon Oxides, Organic Amines, Nitrogen Oxides, Chlorine, Chlorinated Hydrocarbons, Sulfur Oxides and Organic Sulfonates.

Hazardous Polymerization

Hazardous polymerization will not occur.

Section 11 – Toxicological Information

Route of Exposure

Skin Contact

May cause skin irritation.

Eye Contact

May cause eye irritation.

Inhalation

May be irritating to the upper respiratory tract.

Ingestion

May be harmful if swallowed. May be irritating to mucous membranes.

Section 12 – Ecological Information

No data available

Section 13 – Disposal Considerations

All recovered material should be packaged, labeled, transported and disposed of in conformance with applicable federal, state and local laws and regulations.

Section 14 – Transport Information

DOT

Non-Hazardous for Transport

IATA

Non-Hazardous for Transport

Section 15 – Regulatory Information

California Prop. 65

This chemical is not known to the state of California to cause cancer, birth or any other reproductive defects.

Section 16 – Other Information

Disclaimer

The information contained herein is presented in good faith and is believed to be correct as of the date prepared, but does not purport to be all inclusive. Regulatory requirements are subject to change and may differ depending on location. It is the customer's responsibility to ensure that its activities are in compliance with local, state, federal or provincial laws.

No information contained in this document is to be taken as a warranty for which Sterogene Bioseparations, Inc. bears responsibility. Sterogene shall not be held liable for any damage resulting from handling or from contact with the product. All materials may present hazards and should be used with caution. Although specific hazards are described, we cannot guarantee that these are the only hazards that exist.