

Safety Data Sheet

Part Number 326607

Section 1. Substance Identity and Company Contact Information

Product Name	Bio-Beads S-X3	Product Part Number(s)	308844, 308845, 308846, 308847, 308848, 308849, 308851, 308852, 308853, 308854, 308855, 308856, 321628, 322154, 624-116, 624-117, 624-118, 624-1181, 624-1182, 624-1183, 624-121, 624-122, 624-124, 624-125, 624-126, 624-1261, 624-1262, 624-127, 624-128, 091-203, 330140
Trade Name	Bio-Beads	Unit Size	70 g or 100 g
Company	OI Analytical, P.O. Box 9010, College Station, TX 77842-9010, Phone: (979) 690-1711, Fax: (979) 690-0440		
Emergency No. 1-800-424-9300 (Chemtrec). Use only in the event of chemical emergencies involving spills, leaks, fire, exposure, or accidents involving chemicals.			

Section 2. Hazards Identification

Pictogram(s)



Signal Word	Warning	
Precautionary Statement(s)	May be harmful if swallowed. May cause eye irritation. May cause irritation if inhaled.	
Target Organ(s)	No data available	
Potential Health Effects	Eye:	May cause irritation.
	Skin:	May cause irritation.
	Ingestion:	May be harmful if swallowed.
	Inhalation:	May cause irritation.
Chronic Effects/ Carcinogenicity	IARC:	No data available
	NTP:	No data available
	OSHA:	No data available
Teratology (Birth Defects) Information	No data available	
Reproductive Information	No data available	
NFPA Ratings	Health:	No data available
	Flammability:	No data available
	Reactivity:	No data available

HMIS Rating	Health:	No data available
	Flammability:	No data available
	Reactivity:	No data available
	Protective Equipment:	No data available

Section 3. Chemical Composition and Data on Components

Ingredient	CAS No.	EU Number	Percent	Hazardous
Poly(styrene-co-divinylbenzene)	9052-95-3	585-580-03-X	100	No

Section 4. First Aid Measures

General Advice	No data available
If Inhaled	Remove from exposure and supply fresh air. Consult a doctor in case of complaints.
In Case of Skin Contact	Induce vomiting and call for medical help.
In Case of Eye Contact	Generally, the product does not irritate the skin.
If Swallowed	Rinse open eye for several minutes under running water.
Indication of Any Immediate Medical Attention and Special Treatment Needed	Treat symptomatically and supportively.

Section 5. Fire-fighting Measures

General Information	No data available
Suitable Extinguishing Media	CO ₂ , extinguishing powder, or water spray. Fight larger fires with water spray or alcoholresistant foam.
Special Hazards Arising from the Substance or mixture	No data available
Advice for Firefighters	No data available
Flash Point	No data available
Autoignition Temperature	No data available
Further Information	No data available

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures	Use proper personal protective equipment as indicated in Section VIII.
Environmental Precautions	No special measures required.
Methods and Materials for Containment and Cleaning	Pick mechanically
Reference to Other Sections	For disposal, see Section 13.

Section 7. Handling and Storage

Precautions for Safe Handling	No special measures required. Prevent formation of dust. No special precautions are necessary if used correctly.
Conditions for Safe Storage, Including any Incompatibilities	Store in storerooms and receptacles according to product specification.
Specific End Use(s)	Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

Section 8. Exposure Controls and Personal Protection

Components with Workplace Control Parameters	No data available
Appropriate Engineering Controls	Wash hands before breaks and at the end of work.
Eye/Face Protection	Face shield and safety glasses.
Skin Protection	Synthetic gloves. The exact break-through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Body Protection	Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory Protection	In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.
Control of Environmental Exposure	Prevent further leakage to spillage, if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 9. Physical and Chemical Properties

Appearance	Form: particulate; Color: white
Odor	Odorless
Odor Threshold	No data available
pH	No data available
Melting Point/Freezing Point	Undetermined
Initial Boiling Point and Boiling Range	Undetermined
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	Not flammable
Upper/Lower Flammability or Explosive Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	No data available
Water Solubility	No data available
Partition Coefficient : n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available
Other Safety Information	No data available

Section 10. Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	No data available
Incompatible Materials	Reacts with strong oxidizing agents

Section 11. Toxicological Information

Routes of Exposure	<i>On the skin:</i>	No irritant effect
	<i>On the eye:</i>	No irritant effect
	<i>Inhalation:</i>	No data available
	<i>Ingestion:</i>	May be harmful if swallowed
Respiratory or Skin Sensitization	No sensitizing effects known	
Signs and Symptoms of Overexposure	Unknown	
Toxicity Data	<i>Oral rat LD 50</i>	No data available

Section 12. Ecological Information

General Notes	Not known to be hazardous to water.
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Section 13. Disposal Considerations

Product	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Hand over to hazardous waste disposers.
Contaminated Packaging	Disposal must be made according to official regulations.

Section 14. Transport Information

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

Section 15. Regulatory Information

OSHA Status	No data available	
TSCA Status	No data available	
CERCLA Reportable Quantity	No data available	
SARA Title III	No data available	
RCRA Status	No data available	
California Proposition 65	No data available	
Chemical Weapons Convention	No data available	
TSCA 12 (b)	No data available	
SARA 311/312	Acute:	No data available
	Chronic:	No data available
	Fire:	No data available
	Pressure:	No data available
	Reactivity:	No data available
Australian Hazchem Code	No data available	
Poison Schedule	No data available	
WHMIS	This SDS has been prepared according the hazard criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.	

Section 16. Other Information

Date Prepared: August 3, 2005

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For R&D use only. Not for drug, household, or other uses.

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