

Material Safety Data Sheet

Product Name		IONLITE 800MB mixed bed resin
CAS	69011-20-7 69011-18-3 40-50%	This documents is prepared pursuant to the OSHA Hazard Communication Standard. In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.
	7732-18-5 50-60%	

SECTION 1 Manufacturer's Name&Contact Information

	Emergency Telephone Number:	Hazard Rating		Scale
		Toxicity	0	4 = Extreme
		Fire	0	3 = High
		Reactivity	0	2 = Moderate
	Special	N/A	1 = Sight	
	Date Prepared	FEB 2019	0 = Insignificant	

SECTION 2 Ingredients/Identity Information

Components(Specific Identity:	Chemical	Sulfonated Copolymer of styrene and divinylbenzene in the sodium form
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SECTION 3 Hazards Identification

Hazards identification:	Hazard warning not required.
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SECTION 4 First-aid Measures

Eyes:	Irrigate immediately with water for at least 5minutes. Mechanical irritation only.
Skin:	No adverse effects anticipated by this route of exposure.
Ingestion:	No adverse effects anticipated by this route of exposure incidental to proper industrial handling.
Inhalation:	No adverse effects anticipated by this route of exposure.

SECTION 5 Fire-fighting measures

Extinguishing media: Water, Talc, Dry Chemical,
Special Fire Fighting Procedures: MSHA/NIOSH approved self-contained breathing gear.
Firemen have to wear self-contained breathing apparatus.

SECTION 6 Accidental release measures

Take up mechanically, fill into labeled, closable containers. Spilled product causes a risk of slipping.

SECTION 7 Handling and storage

Practice reasonable care and caution. Metal equipment with feed, regenerant, resin form, and effluent of that process
Storage: Store in a cool dry place

SECTION 8 Exposure controls/Personal protection

Respiratory protection: Not required for normal uses if irritation occurs from breathing-get fresh air!
Eye protection: Splash goggles
Ventilation: Normal
Protective Gloves: Not required.

SECTION 9 Physical/Chemical properties

Boiling Point:	Not Applicable
Vapor Pressure (MM HG):	Not Applicable
Evaporation Rate (water = 1):	1
Appearance & Odor:	Amber solid beads.
Specific Gravity:	1.2 (water = 1)
Melting Point (deg. F)	Not applicable
Solubility in Water:	Insoluble
Thermal:	May yield oxides of carbon and nitrogen

SECTION 10 Stability and reactivity

Stability:	Stable
Conditions to Avoid:	Temperatures above 400° F
Hazardous by Products:	CO, CO2, NH3, amines, styrene, divinylbenzene.
Materials to avoid contact with:	Strong oxidizing agents (i.e. nitric acid)
Hazardous Polymerization:	Material does not polymerize

SECTION 11 Toxicological information

Emergency First Aid Procedures:	Contact with eyes can and skins can cause irritation.
Carcinogenicity:	Not Applicable
Sara – title 3, sections 311 & 312:	All ingredients are non-hazardous

SECTION 12 Ecological information

The product is insoluble in water. Therefore, ecological tests have not been conducted.
Do not allow to escape into waters, wastewater or soil.
Water pollution class: 1 – slightly hazardous to water.

SECTION 13 Disposal considerations

Bury resin in licensed landfill or burn in approved incinerator according to local, state, and federal regulations. For resin contaminated with hazardous material, dispose of mixture as hazardous material according to local, state and federal regulations.

SECTION 14 Transport information

Declaration for land shipment: --
Declaration for sea shipment: --
Declearation for shipment by air: --
Other information:
Not dangerous cargo. Avoid temperatures below –20°C. Avoid heat above +40°C.
Keep separated from foodstuffs.

SECTION 15 Regulatory information

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

SECTION 16 Other information

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance.