



Material Safety Data Sheet

Product	H4 Desalting Resin
Catalog Number	WS0158
Composition	Sulfonated copolymer of styrene and divinylbenzene in the hydrogen form, water.
CAS #	069011-20-7
Hazard identification	Potential health effects.
First aid measures	In case of contact: Eyes - may cause severe eye irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur. Skin - prolonged or repeated exposure not likely to cause significant irritation. May cause more severe response if skin is abraded. No adverse effects anticipated by skin absorption. Ingestion - very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. Inhalation - vapors are unlikely due to physical properties.
Fire fighting measures	Not combustible until water has evaporated. Residue will burn. Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Hazardous combustion products may include but are not limited to: hydrocarbons, sulfur oxides, organic sulfonates, carbon monoxide, carbon dioxide and benzene compounds.
Accidental release measures	Spilled material may cause a slipping hazard. Use appropriate safety equipment.
Handling/exposure controls	Do not get in eyes. Wash thoroughly after handling.
Storage	Keep containers tightly closed. Store between 35-100°F.

Physical/chemical properties	Light yellow to brown solid (beads) Density: 50 lb/ft ³
Stability and reactivity	Hazardous decomposition products depend upon temperature, air supply, and the presence of other materials. Hazardous decomposition products may include but are not limited to: aromatic compounds, hydrocarbons, organic sulfonates and sulfur oxides.
Ecological information	No bioconcentration of the polymeric component is expected because of its high molecular weight. In the terrestrial environment, material is expected to remain in the soil. In the aquatic environment, material will sink and remain in the sediment. Surface photodegradation is expected with exposure to sunlight. No appreciable biodegradation is expected.
Disposal information	Do not dump into any sewers, on the ground, or into any body of water.

The above information is supplied in good faith and is believed to be correct. It does not claim to be all-inclusive and is intended to be used only as a guide. Final determination of the suitability of any material is the sole responsibility of the user. ProZyme shall not be held liable for any damage resulting from handling or contact with the above product. This product is intended for *in vitro* research only.