

MATERIAL SAFETY DATA SHEET

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CHEMTREC 24 Hour Emergency
Phone 800-424-9300

Section I – Name			
Product Number:	CH-WATBEAD		
Chemical Name and Synonyms:	Copolymer of Sodium acrylic acid and acrylamide		
Trade Name and Synonyms:	Water Gel Beads, Superabsorbent Polymer, Crystal Soil		
Formula:	See Section II.		
C.A.S Number:	See Section II.		
Hazard Rating:	0-Minimal, 1-Slight, 2-Moderate, 3-Serious, 4-Severe		
	Health	Flammability	Reactivity
	1	0	0
Section II – Hazardous Ingredients			
Principle Components	%	TLV Units	
Copolymer of Sodium acrylic acid and acrylamide	>90%	10 mg/m3	
Section III – Physical Data			
Melting Point (°F)	N/A	Specific Gravity (H2O =1)	N/A
Boiling Point (°F)	N/A	% Volatile by Volume	N/A
Vapor Pressure (mmHg)	N/A	Vapor Density (Air=1)	N/A
Solubility in Water	Essentially insoluble		
Appearance and Odor	Off-white bead material, 2.5-3mm size		
Section IV – Fire and Explosion Data			
Flash Point:	None		
Flammable Limits:	Not Established		
Extinguishing Media:	Dry chemical, foam, carbon dioxide, water fog		
Special Fire Fighting Procedures	Wear NIOSH/MSHA-approved, self-contained breathing apparatus and full protective clothing.		
Fire and Explosion Hazards	. Extremely slippery conditions are created if spilled product comes in contact with water.		
D.O.T. Classification	Not regulated		
Section V – Health Hazard Data			
Threshold Limit Value	Inhalable dust TLV is 10 mg/m3.		
Effects of Overexposure	Specific data is not available. May be harmful by ingestion or inhalation. May cause irritation. Exercise appropriate procedures to minimize potential hazards. Target organs: None known.		

Emergency and First Aid Procedures		
SKIN: Remove dust from skin with soap and water.		
EYES: Immediately flush eyes with plenty of water for at least 15 minutes. In case of persistent eye irritation, seek medical attention.		
INHALATION: If inhaled, move to source of fresh air. Seek medical attention if symptoms persist.		
INGESTION: If ingestion of a large amount does occur, seek medical attention.		
Section VI – Reactivity Data		
Stability	Stable. Hazardous polymerization will not occur	
Incompatibility	None	
Hazardous Decomposition Products	None	
Hazardous Decomposition	None	
Section VII – Spill or Leak Procedures		
Steps to Be Taken In Case Material is Spilled or Released		
Keep traffic in the area of a spill to a minimum. Use caution after contact of product with water, as extremely slippery conditions will result. Residuals may be flushed with water into the drain for normal wastewater treatment.		
Waste Disposal method		
This is a non-hazardous waste suitable for disposal in an approved solid waste landfill. Dispose of in accordance with Local, State and Federal regulations.		
Section VIII – Special Protection Information		
Respiration Protection	None needed in normal conditions. If dusty conditions prevail and exceed TLV, use a NIOSH/MSHA-approved dust mask.	
Ventilation	Natural ventilation or local exhaust if dusting occurs.	
Protective Gloves	Neoprene or latex for prolonged use.	
Eye Protection	Chemical safety goggles for prolonged use.	
Other Protective Equipment	Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands.	
Section IX – Special Precautions		
Handling and Storage		
Store in a dry, closed container.		
Other Precautions		
Handle as an eye and respiratory tract irritant. Avoid breathing dust. Do not take internally.		
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