



Health	2
Fire	1
Reactivity	0
Personal Protection	E

Safety Data Sheet

SQM Copper Sea-Questra-Min

Section 1: Chemical Product and Company Identification

Product Name: SQM Copper Sea-Questra-Min Product Code: 5719 CAS #: Not applicable. RTECS: Not available. TSCA: TSCA Not available. IFN #: 8-09-822 Synonym: Sequestered Minerals Chemical Name: Polysaccharide Mineral Complex Chemical Formula: Polysaccharide Complexes of Copper	Contact Information: QualiTech, Inc. 318 Lake Hazeltine Drive Chaska, MN 55318 Phone: 1-800-328-5870
24 hr Emergency Phone: Infotrack (800) 535-5053	

Section 2: Hazards Identification

Potential Acute Health Effects:	Hazardous in case of skin contact, eye contact, inhalation.
Potential Chronic Health Effects:	None identified
Carcinogenic Effects:	Not available
Teratogenic Effects:	Not available

Section 3: Composition and information on Ingredients

Composition:			
	Name	CAS #	% by Weight
	Copper Sulfate Pentahydrate	7758-99-8	32

Toxicological Data on Ingredients: Copper Sulfate Pentahydrate

Section 4: First Aid Measures

Eye Contact:	Irritation; Flush immediately with water for at least 15 minutes. Keep eye lids open. Seek medical attention.
Skin Contact:	Mild Irritation; Wash thoroughly with antibacterial soap and water. Cover contaminated area with antibacterial cream. Seek medical attention.
Serious Skin Contact:	Irritation; Wash thoroughly with antibacterial soap and water. Cover contaminated area with antibacterial cream. Seek medical attention.
Inhalation:	Irritation; Move to fresh air. If breathing becomes difficult seek medical attention.
Serious Inhalation:	Irritation; Move to fresh air. If breathing becomes difficult seek medical attention.
Ingestion:	Nausea; Do not induce vomiting. If victim is not breathing administer artificial respiration. Call physician and Poison Control Center immediately.
Serious Ingestion:	Nausea; Do not induce vomiting. If victim is not breathing administer artificial respiration. Call physician and Poison Control Center immediately.

Section 5: Firefighting Measures

Suitable Extinguishing Media:	CO2, Foam, Water Spray or Fog
Unsuitable Extinguishing Media:	Not applicable.
Risks Associated with Unsuitable Extinguishing Media:	Not applicable.
Flammability of Product:	Not available.
Auto-Ignition Temperature:	Not available.
Flash Points:	Not applicable.
Flammable Limits:	Not applicable.
Products of Combustion:	SO2.
Fire Hazards in Presence of Various Substances:	Not applicable.
Explosion Hazards in Presence of Various Substances:	Not available.
Risk of Explosion in Presence of Mechanical Impact:	Not available.
Fire Fighting Media and Instructions:	Not applicable.
Special Remarks on Fire Hazards:	Avoid exposure to smoke and fumes.
Special Remarks on Explosion Hazards:	Not available.

Section 6: Accidental Release Measure

Personal Protective Equipment Required:	Splash goggles, dust respirator, suitable protective clothing, impervious gloves.
Emergency Procedures:	Not available.
Environmental Precautions:	Not available.
Small Spill Cleanup:	Use appropriate tools to put spilled solid in a conventional waste disposal container.
Large Spill Cleanup:	Use appropriate tools to put spilled solid in a conventional waste disposal container.

Section 7: Handling and Storage

Precautions for Safe Handling:	Do not ingest. Do not breathe dust. Wear suitable protective clothing. Empty containers pose fire risk. Evaporate under fume hood.
Safe Storage Conditions:	Keep container tightly closed. Keep container in a cool, dry, well-ventilated area.
Storage Incompatibilities:	Sources of heat, ignition, and moisture.

Section 8: Exposure Controls/Personal Protection

Control Parameters:	PEL (TWA)	Not available.	REL:	Not available.
	TLV (TWA)	Not available.	IOELV:	Not available.

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels low.

Personal Protection:

Splash goggles, dust respirator, suitable protective clothing, impervious gloves.

Personal Protection in the Event of a Large Spill:

Splash goggles, dust respirator, suitable protective clothing, impervious gloves.

Section 9: Physical and Chemical Properties

Physical State and Appearance:	Powdered Solid
Taste:	Not available.
Molecular Weight:	Not available.
Color:	Green/Gray
Odor:	Slight metallic odor.
Odor Threshold:	Not applicable.
pH	Not available.
Melting Point/Freezing Point:	Not available.
Boiling Point:	Not available.
Flash Point:	Not available.
Evaporation Rate:	Not available.
Flammability (solid, gas):	Not available.
Upper/Lower Flammability or Explosive Limits:	Not available.
Specific Gravity (kg/l):	60-80 lb/ft ³
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Solubility (ies):	Partially soluble in water.
Partition Coefficient (n-octanol/water):	Not available.
Autoignition Temperature:	Not available.
Decomposition Temperature:	Not available.

Section 10: Stability and Reactivity

Stability:	The product is stable.
Instability Temperature:	Not available.
Conditions of Instability:	Excess heat, ignition source, moisture.
Special Remarks on Reactivity:	Ground all equipment containing material.
Corrosivity:	Not available.
Polymerization:	Will not occur.
Incompatible Materials:	Not available.
Hazardous Decomposition Products:	Not available.

Section 11: Toxicological Information

Routes of Entry:	Inhalation. Ingestion. Skin Contact.
Toxicity to Animals:	Not available.
Acute Symptoms of Exposure on Humans:	Nausea, skin & eye irritation.
Chronic Symptom Effects on Humans:	Not available.
Other Toxic Effects on Humans:	

Not available.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Acute Effects on Humans:

Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on Other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD 5 and COD: Not available.

Products of Biodegradation: Not available.

Persistence and Degradability: Not available.

Mobility in Soil: Not available.

Other Adverse Effects: Not available.

Section 13: Disposal Considerations

Waste Disposal: Take up by mechanical means (sweep/shovel) and transfer to appropriate container. Avoid excessive dust. Dispose of empty bags and any waste product in accordance with all applicable laws and regulations.

See Section 8 for appropriate PPE.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations: SARA 313 toxic chemical notification and release reporting.

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR

Other Classifications: Not available.

WHMIS (Canada): CLASS D-2B: Material causing other toxic effect is (TOXIC).

DSCL (EEC): R22-Harmful if swallowed. R36/38-Irritating to eyes and skin.

Protective Equipment: Splash goggles, dust respirator, suitable protective clothing, impervious gloves.

HMIS (U.S.A)	
Health Hazard:	2
Fire Hazard	1
Reactivity:	0
Personal Protection:	E

NFPA (U.S.A)	
Health:	2
Flammability:	1
Reactivity:	0
Specific Hazard:	N/A

Section 16: Other Information

References: The Sigma-Aldrich Library of Chemical Safety Data, Edition III

Other Special Considerations: Not available.

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