



Health	2
Fire	1
Reactivity	0
Personal Protection	E

Safety Data Sheet SQM-4-Swine

Section 1: Chemical Product and Company Identification

Product Name: SQM-4-Swine	Contact Information: QualiTech, Inc. 318 Lake Hazeltine Drive Chaska, MN 55318 Phone: 1-800-328-5870
Product Code: 5715	
CAS #: Not applicable.	
RTECS: Not available.	
TSCA: TSCA Not available.	
IFN #: Not Applicable	
Synonym: Sequestered Minerals	24 hr Emergency Phone: Infotrack (800) 535-5053
Chemical Name: Polysaccharide Mineral Complex	
Chemical Formula: Blend of Polysaccharide Complexes	

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
Zinc Sulfate	7446-19-7	10-15
Manganese Sulfate	10034-96-5	5-10
Ferrous Sulfate	13463-43-9	0-5
Copper Sulfate	7758-99-8	0-5

Toxicological Data on Ingredients: See Above

Section 4: First Aid Measures

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

Serious Ingestion: 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 above 600°F

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: Wear positive pressure self contained breathing apparatus and goggles. Avoid exposure to smoke/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:
 Take precautions to keep product out of streams and water supplies.

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:	Grey to Brown.
Odor:	Little 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:	45-61 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 Effects on Humans:	Not available.
Chronic 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: Dispose of product in accordance with all applicable laws and regulations.

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 1910.1200).

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

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.

Created: Not available.

Last Update: 5/6/14 11:15

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall QualiTech, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if QualiTech, Inc. has been advised of the possibility of such damages