



Material Safety Data Sheet

SQM[®] 4 S/R

Review Date: 10/14/04

Section I	
MANUFACTURER'S NAME Quali Tech, Inc.	EMERGENCY TELEPHONE NUMBER (952) 448-5151
ADDRESS 318 Lake Hazeltine Drive, Chaska, MN 55318	
CHEMICAL NAME AND SYNONYMS Sequestered Minerals	TRADE NAME AND SYNONYMS 6929 SQM 4 S/R
CHEMICAL FAMILY Polysaccharide Mineral Complex	FORMULA Polysaccharide Complexes of Co, Cu, Mn & Zn

Section II--HAZARDOUS INGREDIENTS
<p>This product contains the following chemicals, which may be subjected to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:</p> <p>Cobalt Sulfate (CAS# 10124-43-3) 0.51% Copper Sulfate (CAS# 7758-98-7) 6.22% Manganese Sulfate (CAS# 7785-87-7) 8.57% Zinc Sulfate (CAS# 7733-02-0) 12.97%</p>

Section III--PHYSICAL DATA			
BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O=1)	45-61#/ft ³
VAPOR PRESSURE (mm Hg)		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER Partially soluble			
APPEARANCE AND ODOR Grey to Brown granular powder with little odor.			

Section IV--FIRE & EXPLOSION HAZARD DATA			
FLASH POINT (Method Used)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Foam or water fog			
SPECIAL FIRE FIGHTING PROCEDURES This product will burn and may evolve SO ₂ above 600°F. Take precautions to keep product out of streams and water supplies.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Use caution to make sure that dust in the air is not ignited.			



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Section V--HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not Established

EFFECTS OF OVEREXPOSURE

Oral ingestion may cause nausea.

Redness and irritation of skin possible with dermal contact.

EMERGENCY AND FIRST AID PROCEDURES

Skin and eye irritation should be treated with water washing.

Oral ingestion, nausea and excessive eye exposure symptoms should be treated by a doctor.

Section VI--REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Heat and moisture.

HAZARDOUS DECOMPOSITION PRODUCTS

SO₂ may be liberated when burned.

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

Section VII--SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

If spilled into ground water or water supplies, contact local government waste disposal agency.

WASTE DISPOSAL METHOD

Approved Landfill.

Section VIII--SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

OSHA mask should be worn.

VENTILATION

LOCAL EXHAUST

SPECIAL

YES

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

YES

EYE PROTECTION

YES-Dust Proof Goggles

OTHER PROTECTIVE EQUIPMENT

Section IX--SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool, dry place.

OTHER PRECAUTIONS

This information is offered in good faith, however, no warranties either expressed or implied are made.