

MATERIAL SAFETY DATA SHEET

MSDS No: 0019.007.00 Revision Date: December 16, 2011 Approved by: Darius Nicpon

Ronkonkoma, NY 11779 800-381-8003 17 Colt Court

Section 1	Chemical Product and Company Name	
Product	GRAVEL	ITEM No: WH-1-10xx
Synonyms	Synonyms Silicon dioxide; Quartz; Crystalline silica	
CHEMTREC	CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300	

Section 2 Composition/Ingredients Information	
Chemical Name CAS# %	TLV Units
Gravel (consists of mainly quartz) 14808-60-7 >99% TO	14808-60-7 >99% TWA: 0.1mg/m² (respirable dust)

Section 3 Hazards Identification

CAOLICIA	
HIGH CONCENTRATION OF DUST MAY CAUSE RESPIRATORY IRRITATION.	
MAY CAUSE EYE IRRITATION.	
Target organs: Lungs	

Personal Protection	Physical Hazard	Flammability	Health	
0	0	0	1*	

0 = Minimal 1 = Slight

4 = Severe 3 = Serious 2 = Moderate

SIMH

First Aid Measures

Section 4

INGESTION: Never give anything by mouth to unconscious person. Rinse mouth and get conscious person drink a glass of milk or water. Get medical advise.

INHALATION: Remove to fresh air. Get medical attention if necessary.

EYE CONTACT: Wash immediately with plenty of water, and continue washing for at least 15min., occasionally lifting upper and lower eyelids. Seek medical attention if irritation develops.

SKIN CONTACT: Remove contaminated clothing. Flush thoroughly with mild soap and water

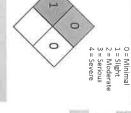
Fire Fighting Measures

Gravel will not support fire.

Flash point: N/A Extinguishing Media: Use any media suitable for extinguishing supporting fire.

Explosion limits: Lower: N/A Autoignition temperature: N/A

Upper: N/A



Section 14

Accidental Release Measures

Wash spill area with soap and water. Recover for use if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal.

Handling and Storage

ly closed. For laboratory use only. Not for drug, food or household use. Use only under adult supervision. Read label on container before using. Do not wear contact lenses when working with chemicals. Keep container tight-

Handling: Use with adequate ventilation. Do not inhale dust. Wash hands thoroughly after handling.

Storage: Store in closed container in a dry area. Avoid moisture

Exposure Controls/ Personal Protection

Engineering controls: Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limits outlined in section 3. Wear chemical splash goggles, chemical-resistant gloves, and chemical resistant apron.

Respiratory protection: Non should be needed if normal laboratory handling at room temperature. Use NIOSH approved respiratory protection under dusty conditions.

Physical and Chemical Properties

Section 9

Physical state: Solid Appearance: White, tan or dark various sized peb-Melting point: 3110°F/1710°C Freezing point: N/A Decomposition temp: N/A Boiling point: 4046°F/2230°C

Specific gravity ($H_2O = 1$): 2.65g/cc Molecular weight: 60.09 Solubility: Insoluble Molecular formula: SiO₂ Percent volatile (%): N/A

Stability and Reactivity

Conditions to Avoid: N/A Chemical Stability: Stable Viscosity: N/A Evaporation Rate: N/A Vapor Density: N/A Vapor Pressure (mm Hg): N/A

Section 10

pH: 6-8 Odor: No odor

Hazardóus decomposition: Silica will dissolve in hydrofluoric acid and produce the corrosive gas silicon tetrafluo-ride Incompatibilities: Contact with powerful oxidizing agents such as fluorine, chlorine trifluoride and oxygen difluoide may cause fires.

Hazardous polymerization: Will not occur.

Toxicological Information

Section 11

Effects of overexposure: This product contains crystalline silica a naturally occurring component. Crystalline silica is a cancer suspect in humans from occupational sources and in manufacturing environments. Prolonged inhalation of the dust may cause coughing, sneezing and shortness of breath. Pre existing respiratory conditions may be affected by dust.

SKN-RABIT LD₅₀: not available IHL-RAT LD_{so}: not available ORL-RAT LDso: not available

Ecological Information

Section 12

There is no reported Ecological toxicity for silica, a naturally occurring substance abundantly present in nature.

Disposal Considerations

Section 13

Disposal of in accordance with all local, state, and federal regulations, or contact with a licensed chemical disposal

Transport Information

Shipping name: not regulated Exceptions: N/A Packing group: N/A Hazard Class: N/A UN number: N/A

Regulatory Information

TSCA-listed, EINECS-listed (238-878-4)

Section 15

Other Information

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