



Turbidity Removal SAFETY DATA SHEET

Crystal Quest® Manufacturing
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1. Product Identification

PRODUCT NAME: ChemSorb® Filter Gransules (14 x 40mesh)

CHEMICAL NAME: Sodium, Calcium Aluminosilicate, Hydrated

FORMULA: $\text{Ca}_2(\text{Na}_3\text{K})_2\text{Al}_8\text{Si}_{28}\text{O}_{72} \cdot 24\text{H}_2\text{O}$

2. Hazardous Ingredients

This material is 100% Natural Zeolite Mineral Ore.

The OSHA PEL and/or ACGIH TLV is 0.6 mg/m³.

3. Physical and Chemical Data

Boiling Range:	N/A
Specific Gravity:	2.2-2.4
Evaporation Rate:	N/A
Vapor Density:	N/A
Volatile Percent:	N/A
Description:	White power or granules

4. Fire And Explosion Data

Flammability Classification:	N/A
Flash Point:	N/A
Extinguishing Media:	N/A
Unusual Fire and Explosion Hazards:	N/A

5. Health Hazard Data

Summary: This product contains crystalline silica. Long term inhalation of crystalline silica dusts may cause lung disease (silicosis), IARC, a unit of the World Health Organization, suggested that "there is limited evidence for the carcinogenicity of crystalline silica to humans." This product has not been classified as a carcinogen by NTP.

Medical Conditions That May Be Aggravated:	Pre-existing upper respiratory irritation and lung disease
Target Organs:	Lungs
Primary Entry Route:	Inhalation
Acute Health Effects:	Transitory upper respiratory irritant
Chronic Health Effects:	Long term inhalation of dust levels in excess of the PEL may cause lung disease (silicosis)
Eye Contact:	Temporary irritation and/or inflammation
Skin Contact/Absorption:	N/A
Inhalation:	Coughing and/or irritation of nose and throat
Ingestion:	Not hazardous

6. Reactivity Data

Stability:	Stable
Incompatibility:	None known
Hazardous Decomposition or By-Products:	None known
Conditions To Avoid:	None known

7. Spill or Leak Procedure

Steps To Be Taken In Case Material Is Released Or Spilled:	Sweep up, avoid making dust, place in suitable waste container
Waste Disposable:	Disposal of material in accordance with local, state and federal regulations
Environmental Hazards:	None known
Handling/Storage:	Store in a dry place, maintain good housekeeping practices

8. Safe Handling and Use Information

Respiratory Protection:	Use NIOSH approved respirators for protection from silicosis producing dusts.
Protective Gloves:	Not required
Eye Protection:	Avoid eye contact, safety glasses may be necessary
Ventilation:	Use adequate ventilation and/or dust collection to keep dust levels below PEL.
Other Protective Clothing And Equipment:	Not required

9. Emergency First Aid Procedures

Inhalation:	Remove from dusty area, drink water to clear
Ingestion:	N/A
Skin Contact/Absorption:	N/A
Eyes:	Flush with water