# Turbidity Removal

## SAFETY DATA SHEET

**Crystal Quest® Manufacturing**  
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Phone: 800-934-0051

1. **Product Identification**

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

   **CHEMICAL NAME:** Sodium, Calcium Aluminosilicate, Hydrated

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

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