

**MATERIAL SAFETY DATA SHEET**  
**Molecular Sieve 3X, 4X, 5X, 13X**

**Section I-Product Identification**

Emergency Telephone #: 1-888-932-0405  
Medical Emergency Telephone #: 1-888-932-0405  
Product Information Telephone #: 1-888-932-0405  
Product: Molecular Sieve 3X, 4X, 5X, & 13X  
Chemical Name: Synthetic Sodium Potassium, or Calcium Aluminosilicate  
Synonyms: Zeolite  
Chemical Formula:  $Mx/n [(AlO_2)_x (SiO_2)_y] + wH_2O$   
CAS Registry No: 12736-96-8 (3X), 1344-00-9 (4X), 1344-01-0 (5X), & 1344-43-1 (13X)

**Section II-Hazardous Ingredients**

<u>Component</u>	<u>CAS No.</u>	<u>%</u>	<u>OSHA-PEL</u>	<u>ACGIH TLV</u>
Zeolite	See above	75-85	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Mg Aluminosilicate	1327-43-1	15-23	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Quartz	14808-60-7	<.5	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

**Section III-Physical Data**

Melting Point: >2900°F  
Appearance and Odor: tan beads, odorless  
Bulk Density: approximate 0.7 g/cc  
Solubility in water: negligible  
Percent Volatiles by Weight: <5%

**Section IV-Fire and Explosion Hazard Data**

Flash Point (°F): N.A.  
Fire Extinguishing Media: N.A.  
Fire and Explosion Hazards: Negligible fire and explosion hazard when exposed to heat or flame by reaction with incompatible substances.

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**Desiccare, Inc.**

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**Section V–Reactivity Data**

Stability: Stable  
Conditions to Avoid: N.A.  
Incompatibility (Material to Avoid): N.A.  
Hazardous Decomposition Products: None

**Section VI-Spill or Leak Procedures**

Environmental Hazards: No known adverse effects.  
Spillage: Sweep, scoop, or vacuum discharged material.  
Waste Disposal Method: Landfill according to local, state, and federal regulations.

**Section VII-Health Hazard Data**

Eye Contact: May cause irritation.  
Skin Contact: May cause irritation.  
Inhalation: Causes Irritation.  
Ingestion: No hazards known or suspected.  
Chronic Hazards: No known chronic hazards. Not listed by OSHA, NTP or IARC as a carcinogen.

**Section VIII-Special Protection Information**

Respiratory Protection: Use NIOSH approved dust mask or respirator where dust occurs.  
Gloves: Plastic, rubber or cotton.  
Eye Protection: Safety glasses, or chemical goggles.  
Other Protective Equipment: N.A.  
Personal Hygiene: Avoid breathing dust.  
Engineering Control: Use with adequate ventilation.

**Section VIII-Additional Information**

Contact: Desiccare, Inc.  
211 Industrial Drive , Richland, MS 39218  
Telephone: 888-932-0405 (Toll Free)  
Fax: 601-932-0442