

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 ³	10 mg/m ³
Mg Aluminosilicate	1327-43-1	15-23	10 mg/m ³	10 mg/m ³
Quartz	14808-60-7	<.5	0.1 mg/m ³	0.1 mg/m ³

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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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.
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Telephone: 888-932-0405 (Toll Free)
Fax: 601-932-0442