



# Safety Data Sheet (SDS)

## Packaged Desiccant – Type 4A or 13X MOLECULAR SIEVE in a Tear-Resistant Substrate

### Section 1: Product Identification

**Product Name (use):** Packaged Desiccant – Type 4A or 13X Molecular Sieve in a tear-resistant substrate (an adsorbent product)  
**Company:** Flow Dry Technology, Inc.  
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 Brookville, OH 45309                              Website & email: [www.flowdry.com](http://www.flowdry.com)    service@flowdry.com

### Section 2: Hazards Identification



Warning! Category 3 - When packaged in a dustless tear-resistant substrate, NOT a hazard. An irritant only.

### Section 3: Composition / Information on Ingredients

Material or Component	CAS No.	%	Hazard Data (29 CFR 1910)	H-statements
Zeolite	1344-00-9	> 97%	Non-hazard	H315, H319, H317
Crystalline Quartz	14808-60-7	< 3%	Hazardous (in bulk)	H334, H304

### Section 4: First Aid Measures

**EYE CONTACT**                      Immediately flush eyes with water for 10-15 minutes, occasionally lifting eyelids. Remove any contact lenses.  
**SKIN CONTACT**                      Wash contaminated skin with plenty of water and soap and flush with water.  
**INHALATION**                              Move victim to fresh air and keep at rest in a position comfortable for breathing.  
**INGESTION**                                If contents swallowed and person is conscious, give small amounts of water to drink. Seek medical attention.

### Section 5: Fire-Fighting Measures

Non-combustible or flammable.

### Section 6: Accidental Release Measures

**PRECAUTIONARY**                      If contents exposed, avoid contact with skin and eyes. Avoid formations of dust. DO NOT inhale.  
**SPILLAGES**                                Sweep-up, dispose of per local regulations.

### Section 7: Handling and Storage

**HANDLING**                                When in tear-resistant substrate, no special protection required. If contents exposed, avoid dust and skin exposure.  
**STORAGE**                                 Keep sealed tight in a cool, dry and well ventilated area. Keep in original container.

### Section 8: Exposure Controls / Personal Protection

**CONTROLS**                                **OSHA Permissible Limit (PEL):** 15 mg/m<sup>3</sup>; **ACGIH Threshold Limit Value (TLV):** 10 mg/m<sup>3</sup> (TWA).  
**PROTECTION**                              HMIS = E: If contents exposed, wear protection such as gloves, eye protection, and NIOSH approved respirator.

### Section 9: Physical and Chemical Properties

Appearance:	solid, white or grey, beads	PH (in 5% slurry):	N/A	Evaporation Rate (Butyl Acetate = 1):	N/A
Flammability (upper/lower):	N/A	Relative Density:	2.1 (water = 1)	Flammability (solid, gas):	N/A
Odor:	odorless	Melting Point (°C):	N/A	Partition Coefficient:	N/A
Vapor Pressure (mm Hg):	N/A	Solubility in Water (%):	Insoluble	Auto-Ignition Temperature:	N/A
Odor Threshold:	N/A	Boiling Point:	N/A	% Volatiles by Volume @ 21C (70F):	N/A
Vapor Density (Air=1):	N/A	Flash Point:	N/A	Bulk Density:	0.70 g/mL

### Section 10: Stability and Reactivity

**STABILITY:** Stable under normal conditions. Avoid water & high humidity. **REACTIVITY:** Hygroscopic. Reacts with water to evolve heat.

### Section 11: Toxicological Information

May cause eye irritation. May cause skin irritation. May be harmful if inhaled. May be harmful if swallowed.

### Section 12: Ecological Information

No specific data or information available regarding environmental impact. Insoluble in water. Will be separated in filtration processes.

### Section 13: Disposal Considerations

Dispose in accordance with all applicable Federal, state and local regulations for non-hazardous chemicals.

### Section 14: Transport Information

UN CLASS: Not classified as hazardous for transport.

### Section 15: Regulatory Information

NFPA / HMIS III: Health=1; Fire=0; Reactivity=1    TSCA: All product components are listed on EPA, TSCA or exempt from notification requirements.

### Section 16: Other Information

Disclaimer (see below)

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revised:

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