



# Safety Data Sheet (SDS)

Packaged Desiccant - BLUE Indicating SILICA GEL in a Tear-Resistant Substrate

## Section 1: Product Identification

Product Name (use): Packaged Desiccant – BLUE Indicating SILICA GEL in a tear-resistant substrate (an adsorbent product)  
Company: Flow Dry Technology, Inc.  
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## 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
Silica Gel (SiO <sub>2</sub> • nH <sub>2</sub> O)	63231-67-4	> 99.7	Non-hazard	H315, H319, H317
Cobalt Chloride (CoCl <sub>2</sub> )	7646-79-9	< 0.3	Hazardous (in bulk)	H334, H304, H341, H351, H360, H401, H412

## 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 quantities 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 duct. 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): 80 / (%SiO<sub>2</sub>) mg/m<sup>3</sup>; ACGIH Threshold Limit Value (TLV): 10mg/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, blue, granular	PH (in 5% slurry):	5.5 - 9.0	Evaporation Rate (Butyl Acetate = 1):	N/A
Flammability (upper/lower):	N/A	Relative Density:	2.1	Flammability (solid, gas):	N/A
Odor:	odorless	Melting Point (°C):	> 1600	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):	0
Vapor Density (Air=1):	N/A	Flash Point:	N/A		

## Section 10: Stability and Reactivity

STABILITY: Hygroscopic material is stable under normal conditions. REACTIVITY: Not ignitable, corrosive, reactive or toxic.

## Section 11: Toxicological Information

May cause eye irritation. May cause skin irritation. May be harmful if inhaled. May be harmful if swallowed. Not a carcinogen.

## 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=0 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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