



Safety Data Sheet (SDS)

Packaged Desiccant – SILICA GEL in a Tear-Resistant Substrate

Section 1: Product Identification

Product Name (use): Packaged Desiccant – SILICA GEL in a tear-resistant substrate (an adsorbent product)
Company: Flow Dry Technology, Inc.
 379 Albert Road, PO Box 190 Brookville, OH 45309
 Emergency: +1.800.533.0077, Direct: +1.937.833.2161
 Website & email: 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
Silica Gel (SiO ₂ • nH ₂ O)	63231-67-4	100	Non-hazard	H315, H319, H317

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 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. exposed and user is handling granules, avoid causing dust and minimize 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 / (%SiO₂) mg/m³; ACGIH Threshold Limit Value (TLV): 10mg per m³ (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, granular	PH (in 5% slurry):	3 - 8	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):	1610C (2930F)	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:	2230C (4046F)	% 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)

created: 1-Jun-2015

revised:

The information contained herein is based upon data considered true and accurate. However, Flow Dry Technology, Inc. makes no warranties, expressed or implied, as to the accuracy or adequacy of the information contained herein or the results to be obtained from the use thereof. This information is offered solely for the user's consideration, investigation and verification. Since the use and conditions of use of this information and the material described herein are not within the control of Flow Dry Technology, Inc., Flow Dry assumes no responsibility for injury to the user or third persons. The material described herein is sold only pursuant to the Terms and Conditions of Sale, including those limiting warranties and remedies contained therein. It is the responsibility of the user to determine whether any use of the data and information is in accordance with applicable federal, state, or local laws and regulations.