



MATERIAL SAFETY DATA SHEET

Silica Gel Unit Paks and PillowPaks

File No.: 0001
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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Desiccare Silica Gel Unit Paks and PillowPaks
CHEMICAL NAME: Silica Gel

MANUFACTURER: Desiccare Inc.
3400 Pomona Boulevard
Pomona, CA 91768

EMERGENCY PHONE: 1-909-444-8272
CHEMTREC PHONE: 1-800-262-8200

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

PRESERVATIVES AND SOLVENTS: None
OTHER GASES AND LIQUIDS: None

Ingredients		CAS	% By Weight
Pouch, Packet,			1-75
Silica Gel		63231-67-4	25 - 99

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Desiccare Silica Gel Desiccant Product will vary in size and type of substrate
IMMEDIATE CONCERNS: Poses little to no hazard.

POTENTIAL HEALTH EFFECTS:

EYES: Route of exposure unlikely, Dust may cause a mechanical irritation which can scratch the eye.

SKIN: No adverse effects expected.

INGESTION: Non-toxic by ingestion. Pillow paks may pose a choking hazard. Keep away from children and pets.

SECTION 4: FIRST AID MEASURES

EYES: Do not rub eyes. Flush with plenty of water or eye wash solution for 5 minutes. While holding the eyelid open. Get medical attention if irritation persists.

SKIN: Wash with soap and water.

INGESTION: Normally not needed. Encourage fluid intake. Seek medical attention if symptoms develop or persist.

INHALATION: Normally not needed. Remove to fresh air. If symptoms of irritation persist, seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

FLASHPOINT AND METHOD: Material is not flammable

EXTINGUISHING MEDIA: Use extinguishing agent applicable to surrounding fire.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus operated in pressure-demand mode, (NIOSH approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SMALL SPILL: No special precautions required.

LARGE SPILL: With shovel or scoop, place material in to appropriate container.

SECTION 7: HANDLING AND STORAGE

HANDLING: Use of proper hygiene practices in the workplace is recommended.

STORAGE: Store in a dry area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: **Note,** There is little or no health hazards associated with intact packaged desiccant. If the desiccant bags are accidentally opened, health hazards do exist from dust, if the opened bag is shaken in the air. Breathing dust may irritate nose, throat, and lungs. Dust can be irritating to the eyes. If one was subjected to a large quantity of opened bags in a confined space, refer to the OSHA Exposure Limits below.

Hazardous Components		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg / m ³	ppm	mg / m ³
Silica Gel	8 hrTWA	(1)	(1)	(2)	(2)
OSHA TABLE COMMENTS:					
⁽¹⁾ (80 mg/m ³) / SiO ₂					
⁽²⁾ 3 mg / m ³ respirable and 10 mg / m ³ inhalable					

Comments

All inert or nuisance dusts, whether mineral, inorganic or organic, not listed specifically by substance name are covered by the Particulates Not Otherwise Regulated (PNOR) limit which is 5 mg/m³ respirable fraction and 15 mg/m³ for total dust. ACGIH exposure guidelines of less than 3 mg/ m³ (respirable) and 10 mg/m³ (inhalable) have been established for particles (insoluble/poorly soluble) not otherwise specified (PNOS).

Personal Protection recommended If a large quantity of desiccant bags were opened accidentally in a confined space, and a person must clean up the spill.

RESPIRATORY PROTECTION: Good ventilation should be sufficient to control airborne levels..

EYE PROTECTION: Safety glasses should be worn.

SKIN PROTECTION: Proper hygiene practices in the workplace is recommended.

WORK HYGIENIC PRACTICES: Normal work and hygiene practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid
ODOR: None
pH: 7
PERCENT VOLATILE: Not Applicable
VAPOR PRESSURE, VAPOR DENSITY: Not Applicable
OXIDIZING PROPERTIES: None
SOLUBILITY IN WATER: Insoluble

SECTION 10: STABILITY AND REACTIVITY

STABLE: Yes
HAZARDOUS POLYMERIZATION: No
CONDITIONS FOR STORAGE: Store in dry ambient environment. Store in original container. Keep tightly closed and dry

SECTION 11: TOXICOLOGICAL INFORMATION**ACUTE: ORAL LD₅₀:**

Silica Gels are very low in oral toxicity based on comparison to related forms of silica. No adverse effects have been observed in experimental animals following ingestion of any form of amorphous silica.

CARCINOGENICITY:

	NTP	IARC	OSHA
Chemical Name	STATUS	STATUS	STATUS
Silica Gel	Not Listed	Not Listed	Not Listed

SENSITIZATION: Not Sensitizing

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No known ecological hazards are associated with this product.
CHEMICAL FATE INFORMATION: This material is of mineral origin.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to local, state and federal regulations,

SECTION 14: TRANSPORT INFORMATION

DOT CLASSIFICATION: Not classified

SECTION 15: REGULATORY INFORMATION

Not Regulated

SECTION 16: OTHER INFORMATION

MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.