



## MATERIAL SAFETY DATA SHEET

### Clay Unit Paks and PillowPaks

File No.: 0001  
Date Revised: 05/02/12  
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#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Desiccare Clay Unit Paks and PillowPaks  
**CHEMICAL NAME:** Montmorillonite Clay

**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

**INGREDIENTS:** 100% natural mineral, raw material, montmorillonite.  
Naturally occurring hydrated aluminosilicate of sodium,  
calcium, magnesium and iron.

**PRESERVATIVES AND SOLVENTS:** None  
**OTHER GASES AND LIQUIDS:** None

Ingredients		CAS	% By Weight
Pouch, Packet,			1-75
Montmorillonite Clay		1302-78-9	25 - 99
Silica, quartz		14808-60-7	<0.5

#### SECTION 3: HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

##### PHYSICAL APPEARANCE:

##### IMMEDIATE CONCERNS:

Desiccare Clay Desiccant Product will vary in size and type of substrate  
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**

<b>FLASHPOINT AND METHOD:</b>	Material is not flammable
<b>EXTINGUISHING MEDIA:</b>	Use extinguishing agent applicable to surrounding fire.
<b>FIRE FIGHTING PROCEDURES:</b>	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**

<b>SMALL SPILL:</b>	No special precautions required.
<b>LARGE SPILL:</b>	With shovel or scoop, place material in to appropriate container.

**SECTION 7: HANDLING AND STORAGE**

<b>HANDLING:</b>	Use of proper hygiene practices in the workplace is recommended.
<b>STORAGE:</b>	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 <sup>3</sup>	ppm	mg / m <sup>3</sup>
Calcium Chloride	8 hrTWA	(1)	(1)	(1)	(1)
Silica, quartz	8 hr TWA	(2)	(2)	(3)	(3)
OSHA TABLE COMMENTS:					
<sup>(1)</sup> Exposure limits not established					
<sup>(2)</sup> Total Dust = (15 mg/m <sup>3</sup> ) @ 8 hr TWA					
<sup>(1)</sup> Respirable limit = (5 mg/m <sup>3</sup> ) @ 8hr TWA					

**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/m<sup>3</sup> respirable fraction and 15 mg/m<sup>3</sup> for total dust. ACGIH exposure guidelines of less than 3 mg/ m<sup>3</sup> (respirable) and 10 mg/m<sup>3</sup> (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.

<b>RESPIRATORY PROTECTION:</b>	Use NIOSH/MSHA approved respirators for silica bearing dust.
<b>EYE PROTECTION:</b>	Safety glasses should be worn.
<b>SKIN PROTECTION:</b>	Gloves should be worn.
<b>WORK HYGIENIC PRACTICES:</b>	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

**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 LD <sub>50</sub>	INHALATION
Chemical Name		(rat)	LC <sub>50</sub> (rat)
Clay		>5000 gm/kg (b.w.)	>200 mg/L/1H

**CARCINOGENICITY:**

	NTP	IARC	OSHA
Chemical Name	STATUS	STATUS	STATUS
Clay	Not Listed	Not Listed	Not Listed
Silica, Quartz	Known Carcinogen	Group I	Not Listed

**COMMENTS:**

Crystalline Silica present is contained within a pouch or pillowpak. No exposure to airborne particles of respirable size is expected under normal conditions of use.

**SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXICITY: No known ecological hazards are associated with this product.  
CHEMICAL FATE INFORMATION: This material is of mineral origin. It is not biodegradable.

**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.