



SAFETY DATA SHEET

Clay Unit Paks and PillowPaks

File No.: 0001
Date Revised: 04/18/16
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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Desiccare Clay Unit Paks and PillowPaks
CHEMICAL NAME: Montmorillonite Clay
USE OF SUBSTANCE: Desiccant

MANUFACTURER: Desiccare Inc.
985 Damonte Ranch Parkway Suite 320
Reno, NV 89521

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

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE or MIXTURE:

The product is not classified as a hazard and does not require a hazard label in accordance with GHS regulation and the national laws. No pictograms hazard symbols are required

Calcium Montmorillonite Clay is dried to approx. 2% moisture. As a dried product with moisture, it is not listed on the TSCA Inventory even though Silica Quartz is listed in the TSCA Inventory. Silica Quartz exist in Clay in miniscule quantities (<0.5%) and is naturally coated with an unremovable layer of clay minerals. It is excluded from TSCA since it is an impurity "contained within" the clay structure

Calcium Montmorillonite Clay is listed as GRAS Material (Generally Recognized as Safe) in Title 21 of the Code of Federal Regulations, Part 182, Subpart B, Section 184.1155

Clay when packaged in substrate also is exempt as an "article" from the TSCA inventory

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: 100% natural mineral, raw material, montmorillonite.
Naturally occurring Dried Calcium Montmorillonite Clay w/2% or less moisture.
Calcium Montmorillonite Clay is a UVCB Substance, sub-type 4

PRESERVATIVES AND SOLVENTS: None
OTHER GASES AND LIQUIDS: None

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 no health hazard associated with packaged desiccant. If bag is open handle to not generate dust. Exposure limits to airborne contaminants is listed below.

Hazardous Components					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg / m ³	ppm	mg / m ³
Clay	8 hrTWA	(1)	(1)	(1)	(1)
Silica, quartz	8 hr TWA	(2)	(2)	(3)	(3)
OSHA TABLE COMMENTS: ⁽¹⁾ Exposure limits not established ⁽²⁾ Total Dust = (15 mg/m ³)@ 8 hr TWA ⁽³⁾ Respirable limit = (5 mg/m ³) @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/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).

If handling bulk Clay Products, the following safety equipment is recommended.:

RESPIRATORY PROTECTION:	Use NIOSH/MSHA approved respirators for silica bearing dust.
EYE PROTECTION:	Safety glasses should be worn.
SKIN PROTECTION:	Gloves should be worn.
WORK HYGIENIC PRACTICES:	Normal work and hygiene practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
ODOR:	None
COLOR/SHAPE:	Tan, grey, white particles
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 TOXICITY::	LD50 > 5000 gm/kg (rat) Calcium Montmorillonite Clay is listed as GRAS Material (Generally Recognized as Safe in Title 21 of the Code of Federal Regulations, Part 182, Subpart B, Section 184.1155
ACUTE DERMAL TOXICITY:	Not adsorbed through the skin
SKIN IRRITATION:	Not an irritant (rabbit), Method: OECD 404
EYE IRRITATION:	Not irritant (rabbit), OECD Method 405
RESPIRATORY OR SKIN SENSITIZER:	Not a skin sensitizer, Can dry out skin by handling large amounts of Clay Desiccant without gloves
STOT: Single Exposure:	Not Toxic in acute tests

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,
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SECTION 14: TRANSPORT INFORMATION

DOT CLASSIFICATION:	Not classified
IATA, IMDG:	Not restricted

SECTION 15: REGULATORY INFORMATION

TSCA (Toxic Substance Control Act)	Calcium Montmorillonite Clay is dried to approx. 2% moisture. As a dried product with moisture, it is not listed on the TSCA Inventory even though Silica Quartz is listed in the TSCA Inventory. Silica Quartz exist in Clay in miniscule quantities and is naturally coated with an unremovable layer of clay minerals. It is excluded from TSCA since it is an impurity "contained within" the clay structure. Clay when packaged in substrate also is exempt as an "article" from the TSCA inventory.
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SECTION 16: OTHER INFORMATION

HMIS Rating:	1 Health, 0 Flammability, 0 Physical Hazard , A Personal Protection
National Fire Protection Association (USA)	Personal Protection should be determined based on workplace conditions 1 Health, 0 Flammability, 0 Reactivity
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.