

UNITED DESICCANTS -- DESI PAK -- 6850-00-264-6562

=====
===== Product Identification =====

Product ID:DESI PAK

MSDS Date:08/07/1997

FSC:6850

NIIN:00-264-6562

MSDS Number: BDQNW

=== Responsible Party ===

Company Name:UNITED DESICCANTS

Address:101 CHRISTINE DR

Box:105

City:BELEN

State:NM

ZIP:87002-0105

Country:US

Info Phone Num:505-864-6691

Emergency Phone Num:505-864-6691

CAGE:4Y023

=== Contractor Ident

ification ===

Company Name:SUD-CHEMIE PERFORMANCE PACKAGING UNITED CATALYSTS INC

Address:101 CHRISTINE DR

Box:City:BELEN

State:NM

ZIP:87002-0105

Country:US

Phone:505-864-6691/FAX: 505-864-9296

Contract Num:SP0450-99-M-C993

CAGE:4Y023

Company Name:UNITED DESICCANTS INC

Address:1227 S 12TH ST

Box:32370

City:LOUISVILLE

State:KY

ZIP:40232

Country:US

Phone:502-634-6800/FAX -7727

CAGE:9Z280

=====
===== Composition/Information on Ingredients =====

Ingred Name:BENTONITE/MONTMORILLONITE CLA

Y MINERAL
CAS:1302-78-9
RTECS #:CT9450000
> Wt:98.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (DUST)
ACGIH TLV:5 MG/M3 (DUST)

Ingred Name:SILICA, CRYSTALLINE - QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
< Wt:2.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE TABLE Z-3
ACGIH TLV:0.1 MG/M3 RDUST;9596

=====
===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carci
nogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:THIS MATERIAL IS NORMALLY PACKAGED AND
CONTAINED IN A BAG. IF THE BAG IS OPEN, THE RESULTING DUST IS
CLASSIFIED A NUISANCE DUST, AND MAY CAUSE HEALTH HAZARD WHEN
INHALED, INGESTED OR IN CONTACT WITH EYES AND SKIN. PROLONGED
INHALATION MAYCAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT AND
LUNG DAMAGE. DESI PAK CLAY MAY CONTAIN A SMALL AMOUNT OF
CRYSTALLINE SILICA. INHALATION OF EXCESSIVE CRYSTA LLIN
E SILICA
MAY RESULT IN AN INCREASE IN THE RISK OF SERIOUS RESPIRATORY
DISEASE.
Explanation of Carcinogenicity:CONTAINS LESS THAN 1% CRYSTALLINE SILICA
(QUARTZ). NO EXPOSURE TO QUARTZ UNDER NORMAL USE OF THIS PRODUCT,
SINCE THE PRODUCT IS IN GRANULAR FORM AND PACKED IN A BAG.
Effects of Overexposure:IRRITATION, COUGH, DYSPNEA, WHEEZING, CHEST
DISCOMFORT, TEARING
Medical Cond Aggravated by Exposure:BREATHING OF DUST MAY AGGRAVATE
EXISTING MEDICAL CONDITIONS SUCH AS RESPIRA
TORY AILMENTS.

=====
===== First Aid Measures =====

First Aid:GET MEDICAL CARE IF SYMPTOMS PERSIST. EYES:IMMEDIATELY FLUSH
WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:FLUSH WITH
PLENTY OF WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF
NEEDED . ORAL:IF LARGE QUANTITIES INGESTED, CONTACT PHYSICIAN. IF
CONSCIOUS, INDUCE VOMITING. STOMACH SIPHONE MAY BE APPLIED AS WELL.
MILK & FATTY ACIDS SHOULD BE AVOIDED.

=====

==== Fire Fighting Measures =====

Flash Point:NONFLAMMABLE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:USE DRY CHEMICAL, FOAM/WATER SPRAY FOR SMALL FIRE.
USE FOAM, WATER SPRAY/FOG FOR LARGE FIRE.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. USED MATERIAL MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE AND EXPLOSION HAZARD WHEN
EXPOSED TO HEAT OR FLAME BY REACTION WITH INCOMPATIBLE SUBSTANCES.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. WET SWEEPING OR
VACUUMING IS PREFERRED. CAREFULLY SWEEP OR VACUUM THE SPILL AREA.
COLLECT AND PLACE THE SPILLED MATERIAL IN A WASTE DISPOSAL
CONTAINER. AVOID DUSTING. CLAY IS SLIPPERY WHEN WET.

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handli

ng and Storage Precautions:STORE IN DRY, VENTILATED PLACE, BELOW
115F, IN TIGHTLY CLOSED CONTAINER, AWAY FROM HEAT SOURCES. KEEP OUT
OF REACH OF CHILDREN.

Other Precautions:WEAR GOGGLES IF DUST CAUSES EYE DISCOMFORT. WEAR A
PROPERLY FITTED NIOSH-APPROVED DUST RESPIRATOR FOR DUSTY
CONDITIONS. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER
HANDLING. AVOID CONTACT WITH EYES. OPEN CONTAINER SLOWLY.

===== Exposure Controls/Personal Protection =====

Respi

ratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO
CONTROL DUST CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A
NIOSH-APPROVED DUST RESPIRATOR SHOULD BE WORN IF NEEDED. IF
RESPIRATORS ARE USED, A PROGRAM SHOULD BE INSTITUTED TO COMPLY
WITH OSHA.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV
REQUIREMENTS. VENTILATION USED MUST BE DESIGNED TO PREVENT SPOTS OF
DUST ACCUMULATION OR RECYCLING OF DUSTS

Protective Gloves:COTTON/RUBBER/LATEX FOR REPEATED CON

TACT

Eye Protection:CHEMICAL SAFETY GOGGLES FOR DUSTY CONDITIONS

Other Protective Equipment:LONG SLEEVE WORK CLOTHING, EYE WASH FOUNTAIN

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING, DRINKING OR
SMOKING. VACUUM UP ANY DUST. LAUNDRER CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONFLAMMABLE SOLIDS, LIQUIDS OR GASES: COOL CONTAINERS THAT ARE EXPOSED
TO FLAMES WITH WATER FROM THE SIDES UNTIL WELL AFTER FIRE IS OUT.

FOR MASSEIVE FIRE IN ENCLOSED AREA, USE UNMANNED HOSE H

OLDER O R

MONITOR NOZZLES; IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET
FIRE BURN.

===== Physical/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Spec Gravity:0.91 - 1.03

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:GRAY GRANULES - ODORLESS

Percent Volatiles by Volume: