

UNITED DESICCANTS -- DESI PAK,DESICCANT/MIL-D-3464 E -- 6850-00-619-7805

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

Product ID:DESI PAK,DESICCANT/MIL-D-3464 E

MSDS Date:08/07/1997

FSC:6850

NIIN:00-619-7805

MSDS Number: CFKRJ

=== 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/ FAX 9296

Emergency

Phone Num:505-864-6691

CAGE:4Y023

=== Contractor Identification ===

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

CAGE:4Y023

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

Ingred Name:BENTONITE/MONTMORILLONITE CLAY MINERAL

CAS:1302-78-9

RTECS #:CT9450000

Fraction by Wt: >= 99%

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

Fraction by Wt: < 1%

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:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY

TRACT. ACUTE- EYES:MAY CAUSE IRRITATION & DISCOMFORT. SKIN:MAY CAUSE IRRITATION, REDNESS. INHALE:CAUSES RESPIRATORY TRACT IRRITATION & MAY CAUSE DISABLING, PROGRESSIVE PULMONARY FIBROSIS (SILICOSIS). ORAL:NO ADVERSE EFFECTS EXPECTED. CHRONIC- INHALATION MAY CAUSE LUNG DAMAGE.

Explanation of Carcinogenicity:CONTAINS CRYSTALLINE SILICA. PRODUCT IS IN GRANULAR FORM AND PACKED IN BAGS. NO EXPOSURE TO QUARTZ IS ANTICIPATED (MSDS)

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 RESPIRATORY 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 UNCONSCIOUS, INDUCE VOMITING. STOMACH SIPHON MAY BE APPLIED AS WELL. MILK & FATTY ACIDS SHOULD BE AVOIDED.

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

Flash Point:NONE

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 BRE

ATHING APPARATUS. USED MATERIAL MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:NONE

===== 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 I S SLIPPERY WHEN WET.

Neutralizing Agent:NOT RELEVANT

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= Handling and Storage =====

Handling 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 WIT H EYES. OPEN CONTAINER SLOWLY.

===== Expos

ure Controls/Personal Protection =====

Respiratory 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 IN STITUTED TO COMPLY
WITH OSHA.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV
REQUIREMENTS.

Protective Gloves:COTTON/RUBBER/LATEX FOR REPEATED CONTACT

Eye Protection: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. LAUNDER CLOTHING BEFORE REUSE.

Supplemental Safety and Health

===== 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: