

ENGELHARD CORP., CHEMICAL CATALYSTS GROUP -- DESICCITE 25 -- 6850-00-935-9797

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

Product ID:DESICCITE 25

MSDS Date:06/08/1998

FSC:6850

NIIN:00-935-9797

Status Code:A

MSDS Number: CHVWN

=== Responsible Party ===

Company Name:ENGELHARD CORP., CHEMICAL CATALYSTS GROUP

Address:600 E. MCDOWELL ROAD

City:JACKSON

State:MS

ZIP:39204

Country:US

Info Phone Num:800-458-8650 OR

800-654-4039

Emergency Phone Num:800-458-8650/800-424-9300(CHEMTREC)

CAGE:0NH81

=== Contractor Identification ===

Company Name:ENGELHARD CORP

Address:600 E. MCDOWELL ROAD

Box:City:JACKSON

State:MS

ZIP:39204

Country:US

Phone:800-458-6850 / 601-948-3966

CAGE:0NH81

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

Ingred Name:BENTONITE (INCLUDES INGREDIENTS 2 AND 3.)

CAS:1302-78-9

RTECS #:CT9450000

Fraction by Wt: SEE 2&3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (DU

ST)  
ACGIH TLV:5 MG/M3 (DUST)

Ingred Name:SILICA, CRYSTALLINE - QUARTZ  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 1 - 3%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE TABLE Z-3  
ACGIH TLV:0.1 MG/M3 RDUST;9495

Ingred Name:ALUMINUM SILICATE,  
CAS:12141-46-7  
Fraction by Wt: 97%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports o  
f 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, PROGRES SIVE PULMONARY FIBROSIS  
(SILICOSIS). ORAL:NO ADVERSE EFFECTS EXPECTED. CHRONIC- INHALATION  
MAY CAUSE LUNG DAMAGE.  
Explanation of Carcinogenicity:CONTAINS CRYSTALLINE SILICA (QUARTZ).  
Effects of Over  
exposure:IRRITATION, COUGH, DYSPNEA, WHEEZING, CHEST  
DISCOMFORT  
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  
NEED ED. SWAL

LOWED:IF LARGE QUANTITIES INGESTED, CONTACT PHYSICIAN.

NOTE TO PHYSICIAN:DESICCANT GENERATES HEAT AS IT ADSORBS WATER. USED PRODUCT CAN CONTAIN HAZARDOUS CHEMICALS.

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

Flash Point:NONE

Extinguishing Media:UNUSED MATERIAL WILL NOT BURN. USE WATER, CARBON DIOXIDE OR FOAM FOR SURROUNDING 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:NONE

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. CAREFULLY SWEEP OR VACUUM THE SPILL AREA. COLLECT AND PLACE THE SPILLED MATERIAL IN A WASTE DISPOSAL CONTAINER. AVOID DUSTING.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN DRY PLACE, IN TIGHTLY CLOSED

CONTAINER, AWAY FROM INCOMPATIBLE MATERIALS. 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 =====

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 INSTITUTED 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. LAUNDRER 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:2.4  
Viscosity:NOT RELEVANT  
Evaporation Rate & Reference:NOT RELEVANT  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:GREY TO OFF-WHITE GRANULES; ODORLESS

===== Stability and Reactivity Data =====  
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Stability Indicator/Materials to Avoid:YES  
STRONG ALKALI, STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:MOISTURE  
Hazardous Decomposition Products:NONE

===== Disposal Considerations =====

Waste Disposal Methods:DISCARD ANY PRODUCT (INCLUDING ANY RETAINED  
MATERIALS OF USE), DISPOSABLE CONTAINERS OR LINER IN AN  
ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH LOCAL,  
STATE AND FEDERAL REGULATIONS.

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