

ENGELHARD CORP., CHEMICAL CATALYSTS GROUP -- DESICCITE 25 -- 6850-00-264-6572  
===== Product Identification =====

Product ID:DESICCITE 25  
MSDS Date:06/08/1998  
FSC:6850  
NIIN:00-264-6572  
MSDS Number: BRTFJ  
=== 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  
Company Name:ENGELHARD CORP.  
Address:6801 COCHRAN DR  
Box:City:SOLON  
State:OH  
ZIP:44139  
Country:US  
Phone:216-349-7300  
CAGE:0FDV7

===== 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 (DUST)  
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 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, PROGRES SIVE PULMONARY FIBROSIS (SILICOSIS). ORAL:NO ADVERSE EFFECTS EXPECTED. CHRONIC- INHALAT ION MAY CAUSE LUNG DAMAGE.  
Explanation of Carcinogenicity:CONTAINS CRYSTALLINE SILICA (QUARTZ).  
Effects of Overexposure:IRRITATION, COUGH, DYSPNEA, WHEEZING, CHEST DISCOMFORT  
Medical Cond Aggravated by Exposure:MAY AGGRAVATE EXISTING MEDICAL CONDITIONS SUCH AS RESPIRATORY AILMENTS.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, CALL PHYSICIAN. SKIN: IF SKIN CONTACT OCCURS, FLUSH WITH PLENT

Y OF

WATER. IF IRRITATION DEVELOPS, CALL A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, OXYGEN SHOULD BE ADMINISTERED BY QUALIFIED PERSONNEL. CALL A PHYSICIAN. INGESTION: IF LARGE QUANTITIES ARE INGESTED, SEEK MEDICAL ADVICE.

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

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING AS SPECIFIED IN 29 CFR 1910.156.

Unusual Fire/Explosion Hazard:NOT A FIRE OR EXPLOSION HAZARD.

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

Spill Release Procedures:CONTAIN SPILLAGE AND SCOOP UP OR VACUUM. AVOID DUSTING.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE IN A COOL, DRY LOCATION AWAY FROM INCOMPATIBLE MATERIALS. USE DUSTLESS SYSTEM FOR HANDLING, STORAGE & CLEANUP.

Other Precautions:PRACTICE GOOD HOUSEKEEPING. USE ADEQUATE VENTILATION AND DUST COLLECTION. AVOID GENERATING OR BREATHING DUST. AVOID CONTACT WITH EYES.

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

Respiratory Protection:A NIOSH/MSHA APPROVED RESPIRATOR IS RECOMMENDED IF DUST IS GENERATED. IF RESPIRATORY PROTECTION IS USED, FOLLOW ALL REQUIREMENTS FOR RESPIRATOR PROGRAMS SET FORTH IN OSHA REGULATIONS.

Ventilation:GENERAL: LOCAL EXHAUST VENTILATION IS NECESSARY TO CONTROL ANY AIR CONTAMINANTS TO WITHIN THEIR PELS.

Protective Gloves:GLOVES.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

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

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

Supplemental Safety and Health

NONE

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

Physical Properties =====

HCC:N1

NRC/State Lic Num:NOT RELEVANT

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

Spec Gravity:2.0

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 =====

Stability Indicator/Materials to Avoid:YES

STRONG ALKALI, STRONG OXIDIZERS.

Stability Condition to Avoid:NONE EXPECTED.

Hazardous Decomposition

Products:NONE EXPECTED.

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

Waste Disposal Methods:FEDERAL, STATE AND LOCAL DISPOSAL LAWS AND REGULATIONS WILL DETERMINE THE PROPER DISPOSAL/RECYCLING/RECLAMATION PROCEDURES.

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