

ENGELHARD CORP., CHEMICAL CATALYSTS GROUP -- DESICCITE 25 -- 6850-00-935-9798

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

Product ID:DESICCITE 25

MSDS Date:05/19/1995

FSC:6850

NIIN:00-935-9798

MSDS Number: CHQKN

=== 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:800-458-8650/654-4039

Emergen

cy 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: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;9596

Ingred Name:ALUMINUM SILICATE
CAS:12141-46-7
Fraction by Wt: 97%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3(AS AL DUST)
ACGIH TLV:10 MG/M3(AS AL DUST)

===== 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- INHALATION MAY CAUSE LUNG DAMAGE.
Explanation of Carcinogenicity:CONTAINS CRYSTALLINE SILICA (QUARTZ).
Effects of Overexposure:IRRITATION, COUGH, 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 WATER. INHALED: MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, PROVIDE OX YGEN. ORAL: PROCEDURES NORMALLY NOT NEEDED. IF LARGE QUANTITIES INGESTED, CONTACT PHYSICIAN. NOTE TO PHYSICAN: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 Meas

ures =====

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. SPILL BECOMES SLIPPERY WHEN WET. WASH SPILL SITE AFTER PICK-UP IS COMPLETE.

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. AVOID DUST COLLECTION.

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 IS RECOMMENDED.

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, WASHING FACILITY

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

Su

pplemental Safety and Health

THE RESPIRABLE FRACTION OF CRYSTALLINE SILICA QUARTZ IS ONLY 0.1 - 0.115 %, PER MSDS.

===== Physical/Chemical 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 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. US EPA WASTE NUMBER: NOT REGULATED.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.