HERAEUS KULZER INC -- 46507, DIE-KEEN -- 6520-01-365-8929

-------------- Product Identification --------------

Product ID: 46507, DIE-KEEN
MSDS Date: 01/18/1996
FSC: 6520
NIIN: 01-365-8929
Status Code: A
MSDS Number: CLJNS

--- Responsible Party ---
Company Name: HERAEUS KULZER INC
Address: 4315 S LAFAYETTE BLVD
City: SOUTH BEND
State: IN
ZIP: 46614-2517
Country: US
Info Phone Num: 219-291-0661
Emergency Phone Num: 219-291-0661
Resp. Party Other MSDS Num.: M001
Chemtrec Ind/Phone: (800) 424-9300
CAGE: 95551

--- Contractor Identification ---
Company Name: HERAEUS KULZER INC
Address: 4315 S LAFAYETTE BLVD
Box: CITY: SOUTH BEND
State: IN
ZIP: 46614-2517
Country: US
Phone: 219-291-0661
CAGE: 95551

---------- Composition/Information on Ingredients ----------
Ingred Name: CALCIUM SULFATE
CAS: 7778-18-9
RTECS #: WS6920000
Minumum % Wt: 90.
Maxumum % Wt: 100.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST; 9495

------------ Hazards Identification -------------
LD50 LC50 Mixture: NO DATA PROVIDED BY MANUFACTURER
Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO
Reports of Carcinogenicity: NTP: UNKNOWN IARC: NO
Health Hazards Acute and Chronic: ACUTE: EYES—PARTICLES MAY CAUSE IRRITATION. MIXED MATERIAL MAY DEVELOP ENOUGH HEAT TO CAUSE BURNS IF LARGE AMOUNT COME IN CONTACT WITH SKIN DURING HARDENING. CHONIC, OTHER: PROLONGED EXPOSURE MAY CAUSE LUNG DISEASE.
Explanation of Carcinogenicity: NONE OF THE CHEMICALS ARE LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC.
Effects of Overexposure: PARTICLES MAY CAUSE IRRITATION. MIXED MATERIALS MAY DEVELOP ENOUGH HEAT TO CAUSE BURNS IF LARGE AMOUNTS COME INTO CONTACT WITH SKIN DURING HARDENING.
Medical Cond Aggravated by Exposure: PRE-EXISTING UPPER RESPIRATORY AND LUNG DISEASE SUCH AS BUT NOT LIMITED TO, BRONCHITIS, EMPHYSEMA AND ASTHMA.

------------- First Aid Measures -------------
First Aid: SKIN—WASH PROMPTLY WITH WATER. IF IRRITATION OCCURS, CONTACT PHYSICIAN. INGESTION—PRODUCT MAY HARDEN ON CONTACT WITH WATER. MAY RESULT IN OBSTRUCTION IF INGESTED. SEE PHYSICIAN. EYES—REMOVE CONTACT LENSES. RINSE EYES WITH PLENTY OF RUNNING WATER FOR 10-15 MINUTES, INCLUDING UNDER EYELIDS. IF IRRITATION OCCURS, CONTACT PHYSICIAN. INHALATION: REMOVE TO FRESH AIR.

------------- Fire Fighting Measures -------------
Extinguishing Media: NON-COMBUSTIBLE MATERIALS.
Fire Fighting Procedures: NONE.
Unusual Fire/Explosion Hazard: NONE KNOWN

---------- Accidental Release Measures ----------
Spill Release Procedures: SWEEP OR VACUUM SPILLED MATERIAL INTO A WASTE
CONTAINER FOR DISPOSAL. AVOID CREATING EXCESSIVE DUST.
Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER

Handling and Storage Precautions: BE SURE PROPER VENTILATION AND RESPIRATORY AND EYE PROTECTION ARE USED UNDER DUSTING CONDITIONS.
Other Precautions: NO DATA PROVIDED BY MANUFACTURER

Respiratory Protection: WEAR NIOSH APPROVED RESPIRATOR AS APPROPRIATE FOR NUISANCE DUST, ESPECIALLY WHEN DRY GRINDING. EXCESSIVE PARTICULATE IN THE WORKPLACE SHOULD BE AVOIDED. WET GRINDERS SHOULD BE USED.
Ventilation: PROVIDE GENERAL VENTILATION AND LOCAL EXHAUST TO MEET TLV REQUIREMENTS.
Protective Gloves: YES.
Eye Protection: YES.
Other Protective Equipment: NONE
Work Hygienic Practices: WEAR A MASK WHILE EXPOSED TO DUST.
Supplemental Safety and Health
NO DATA PROVIDED BY MANUFACTURER

Physical/Chemical Properties

HCC: T6
Boiling Pt: B.P. Text: NA
Vapor Pres: MMHG: NA
Vapor Density: (AIR=1): NA
Spec Gravity: (H2O=1): 2.3
pH: NA
Evaporation Rate & Reference: (ETHER=1): NA
Solubility in Water: SLIGHT, 0.2% @ 40°C
Appearance and Odor: FINE POWDER IN VARIOUS COLORS - LOW ODOR

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
ACIDS.
Stability Condition to Avoid: NONE.
Hazardous Decomposition Products: NONE.
Conditions to Avoid Polymerization: WILL NOT OCCUR

Toxicological Information

OSHA PERMISSIBLE EXPOSURE LIMIT: NONE. ACGIH THRESHOLD EXPOSURE LIMIT: NONE. OTHER EXPOSURE LIMIT: NONE.

Ecological Information

Ecological: NO DATA PROVIDED BY MANUFACTURER

Disposal Considerations

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

MSDS Transport Information

Transport Information: NO DATA PROVIDED BY MANUFACTURER

Regulatory Information

SARA Title III Information: DIE KEEN GREEN AND BLUE CONTAIN CHROMIUM III COMPOUND AT 0.17-0.25%. THIS CHROMIUM COMPOUND AS CHROMIUM IS CONSIDERED TO BE TOXIC AND SUBJECT TO SARA TITLE III, SECTION 311, 312 AND 313.
Federal Regulatory Information: NO DATA PROVIDED BY MANUFACTURER
State Regulatory Information: NO DATA PROVIDED BY MANUFACTURER

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