

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

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

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Hazards Identification
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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 CAU SE 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.

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First Aid Measures
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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 LE NSES. RINSE EYES WITH PLENTY OF RUNNING WATER FOR 10-15
MINUTES, INCLUDING UNDER EYELIDS. IF IRRITATION OCCURS, CONTACT
PHYSICIAN. INHALATION: REMOVE TO FRESH AIR.

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

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Accidental Release Measures
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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

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Handling and Storage
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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

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Exposure Controls/Personal Protection
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Respiratory Protection:WEAR NIOSH APPROVED RESPIRATOR AS APPROPRIATE FOR
NUISANCE DUST, ESPECIALLY WHEN DRY GRINDING. EXCESSIVE PARTICULATE
IN THE WORK PLACE 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

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Physical/Chemical Properties
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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% @ 40C
Appearance and Odor:FINE POWDER IN VARIOUS COLORS - LOW ODOR

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

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Toxicological Information
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Toxicological Information:OSHA PERMISSABLE EXPOSURE LIMIT: NONE. ACGIH
THRESHOLD EXPOSURE LIMIT: NONE. OTHER EXPOSURE LIMIT: NONE.

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Ecological Information
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Ecological:NO DATA PROVIDED BY MANUFACTURER

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

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MSDS Transport Information
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Transport Information:NO DATA PROVIDED BY MANUFACTURER

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Regulatory Information
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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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Other Information
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