

FISHER SCIENTIFIC, CHEMICAL DIV. -- CALCIUM SULFATE ANHYDROUS -- 6810-00-882-4997

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Product Identification
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Product ID:CALCIUM SULFATE ANHYDROUS

MSDS Date:06/27/1989

FSC:6810

NIIN:00-882-4997

MSDS Number: BMCDP

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency P

hone Num:201-796-7100 OR 201-796-7523

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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Composition/Information on Ingredients
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Ingred Name:CALCIUM SULFATE (ANHYDROUS)

CAS:7778-18-9

RTECS #:WS6920000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TOTAL DUST

ACGIH TLV:10 MG/M3 TDUST; 9192

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-NUISANCE DUST.INHALE:MAY DEPOSIT UNPLEASANT DEPOSITS IN THE NASAL PASSAGES.SKIN:MAY DEPOSIT ON SKIN.EYE:MAY REDUCE VISIBILITY.ORAL:MAY CAUSE OBSTRUCTION & GASTRIC IRRITATION.CHRONIC-MAY CAUSE IMPAIRED SENSE OF SMELL & TASTE,RESPIRATORY TRACT IRRITATION,DERMATITIS & CONJUNCTIVITIS.
Effects of Overexposure:NUISANCE DUST. INHALATION MAY DEPOSIT UNPLEASANT DEPOSITS IN THE NASAL PASSAGES AND ON SKIN. MAY REDUCE VISIBILITY. ORALLY MAY CAUSE OBSTRUCTION & GASTRIC IRRITATION.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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First Aid Measures
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST.INHALED:REMOVE TO FRESH AIR.PROVIDE CPR/OXYGEN IF NEEDED.EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES HOLDING EYELIDS OPEN.SKIN:WASH WITH SOAP & WATER.ORAL:IF CONSCIOUS,TAKE GLYCERIN/GELATIN SOLUTION/LARGE AMOUNT OF WATER.CALL PHYSICIAN IMMEDIATELY.TREAT SYMPTOMATICALLY & SUPPORTIVELY.

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Fire Fighting Measures
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Flash Point:NONE
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:MAY RELEASE TOXIC OXIDES OF SULFUR.

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Accidental Release Measures
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Spill Release Procedures:SWEEP UP. AVOID CREATING DUST. USE A RESPIRATOR FOR DUSTS.
Neutralizing Agent:NOT APPLICABLE.

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Handling and Storage
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Handling a

nd Storage Precautions:STORAGE- STORE IN A DRY PLACE AWAY FROM MOISTURE & INCOMPATIBLES.

Other Precautions:AVOID INHALATION OR INGESTION OF THIS MATERIAL. AVOID EYE OR SKIN CONTACT. AVOID CAUSING AIRBORNE DUST. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS OR RESPIRATOR FOR MINERAL DUSTS AND SILICA IF TLV IS EXCEEDED.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:DUST-RESISTANT SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:2642F,1450C

Spec Gravity:2.964

Solubility in Water:0.2 %

Appearance and Odor:WHITE POWDER OR CRYSTALS - ODORLESS

Percent Volatiles by Volume:0

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

DIAZOMETHANE (VAPOR), PHOSPHORUS (RED)

Stability Condition to Avoid:FLAME

Hazardous Decomposition Products:MAY RELEASE TOXIC OXIDES OF SULFUR.

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===== Disposal Considerations ==

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Waste Disposal Methods:USE WASTE CONTAINERS SUITABLE FOR TRANSPORTATION AND WHICH DO NOT RELEASE FUGITIVE DUST. DISPOSE IN LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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