

FISHER SCIENTIFIC CO CHEMICAL DIV. -- CALCIUM CARBONATE -- 6810-00-234-8365

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

Product ID:CALCIUM CARBONATE

MSDS Date:02/28/1992

FSC:6810

NIIN:00-234-8365

MSDS Number: BPZHL

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone 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

=====
Composition/Information on Ingredients
=====

Ingred Name:CALCIUM CARBONATE

CAS:471-34-1

RTECS #:FF9335000

Fraction by Wt: 100.0%

Other REC Limits:10MG/M3 (TOTAL DUST)

=====
Hazards Identification
=====

LD50 L

C50 Mixture:ORAL,LD50 (RAT) IS 6450 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYE, SKIN & RESPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE GASTRIC IRRITATION. CHRONIC:DERMATITIS, CONJUNCTIVITIS.

Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION., COUGHING, SNEEZING, DIARRHEA, VOMITING.

Medical Cond Aggravated by Exposure:RENAL DISFUNCTION, GI HEMORRHAGE,

HYPOTHYROIDISM, HYPERCALCEMIA, AND OTHER METABOLIC DISORDERS.

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

First Aid:EYES: IMMEDIATELY WASH WITH LARGE AMOUNTS OF WATER, OCCASIONALLY LIFTING THE UPPER & LOWER EYE LIDS. IF IRRITATION OCCURS AND PERSISTS, SEEK MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INGESTION:CONSULT A PHYSICIAN IMMEDIATELY. IF VOMITING OCCURS, KEEP HEAD LOWER THAN HIPS. INHALATION:REMOVE TO FRESH AIR.

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

Flash Point:NONE

Extinguishing Media:NOT FLAMMABLE;USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG IF APPLICABLE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARDS.

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

S

Spill Release Procedures:USE PROPER PERSONAL PROTECTION; SWEEP UP OR VACUUM AND RECOVER IN A DRY CONTAINER FOR PROPER DISPOSAL

Neutralizing Agent:NONE REQUIRED

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

Handling and Storage Precautions:AVOID PROLONGED BREATHING OF THE DUST OR CONTACT OF DUST WITH THE SKIN.

Other Precautions:WEAR GOGGLES IF DUST CAUSES EYE DISCOMFORT. WEAR A PROPERLY FITTED NIOSH-APPROVED DUST RESPIRATOR FOR DUSTY CONDITIONS.

=====

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

Respiratory Protection:WEAR A PROPERLY FITTED NIOSH APPROVED DUST RESPIRATOR IF CONDITIONS ARE DUSTY.

Ventilation:MECHANICAL(GENERAL) VENTILATION IS USUALLY ADEQUATE TO MAINTAIN DUST LEVELS BELOW TLV FOR NUISANCE DUST.

Protective Gloves:IMPERVIOUS

Eye Protection:GOGGLES FOR DUSTY CONDITIONS

Other Protective Equipment:PROTECTIVE CLOTHING,EYE-WASH FOUNTAIN,SAFETY SHOWER

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING,

DRINKING OR SMOKING. LAUNDRER CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVIOD CONTACT WITH EYES AND SKIN;DO NOT BREATHE DUST.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:1650F,899C

Decomp Temp:Decomp Text:1650F,899C

Spec Gravity:2.7-2.9

pH:8-9

Solubility in Water:NEGLIGIBLE

Appearance and Odor:ODORLESS,HYGROSCOPIC WHITE TO OFF-WHITE POWDER OR CRYSTALS.

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

Stability Indicator/Materials to Avoid:YES

ACIDS,FLUORINE & MAGNESIUM

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:OXIDES OF CARBON; CALCIUM OXIDE

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

Waste Disposal Methods:DISPOSE IN AN APPROVED LANDFILL ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. COVER PROMPTLY TO AVOID BLOWING DUST.

Disclaimer (provided with this information by the compiling agencies):

This i

nformation 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.