

CAROLINA BIOGOLICAL SUPPLY CO -- BARIUM CHLORIDE,DIHYDRATE ACS,84-6708 --
6810-00-237-2922

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

Product ID:BARIUM CHLORIDE,DIHYDRATE ACS,84-6708
MSDS Date:05/12/1997
FSC:6810
NIIN:00-237-2922
MSDS Number: CFKXX
=== Responsible Party ===
Company Name:CAROLINA BIOGOLICAL SUPPLY CO
Address:2700 YORK RD
City:BURLINGTON
State:NC
ZIP:27215-3387
Country:US
Info Phone Num:910
-584-0381
Emergency Phone Num:910-584-0381/800-424-9300(CHEMTREC)
CAGE:59896
=== Contractor Identification ===
Company Name:CAROLINA BIOLOGICAL SUPPLY CO
Address:2700 YORK RD
Box:City:BURLINGTON
State:NC
ZIP:27215-3387
Country:US
Phone:800-227-1150/910-584-0381
CAGE:59896

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

Ingred Name:BARIUM CHLORIDE DIHYDRATE
CAS:10326-27-9
RTECS #:CQ8751000
Fraction by Wt: 99- 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 MG BA/M3
ACGI

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 118 MG/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:TARGET ORGANS:CNS, SPLEEN, LIVER, BONE MARROW, LUNG. ACUTE- INGESTION IS HARMFUL AND MAY BE FATAL. EYE CONTACT CAUSES IRRITATION. SKIN CONTACT CAUSES IRRITATION. INHALATION OF DUST MAY CAUSE IRRITATION. CHRONIC- IRRITATION OF

RESPIRATORY SYSTEM, CENTRAL NERVOUS SYSTEM DAMAGE, DAMAGE TO SPLEEN, LIVER AND BONE MARROW.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DISCOMFORT, PAIN, TEARING, BLURRING OF VISION, NAUSEA, HEADACHE, DIZZINESS, VOMITING, WEAKNESS, DIARRHEA

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYE/SKIN:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALE

D:MOVE TO FRESH

AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF CONSCIOUS, DRINK PLenty OF WATER & INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING, RESPIRATORY EQUIPMENT SUITABLE FOR TOXIC DUSTS. SWEEP, SCOOP/PICK UP SPILLED MATERIAL. AVOID DUST DISPERSAL. PACKAGE FOR DISPOSAL

. WET
SWEEPING/VACUUMING IS RECOMMENDED. WASH SPILL AREA TO REMOVE
RESIDUAL CONTAMINATION.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED AND
SECURE POISON AREA. KEEP CONTAINER TIGHTLY CLOSED. PROTECT AGAINST
PHYSICAL DAMAGE.
Other Precautions:TOXIC. DO NOT TAKE INTERNALLY. AVOID BREATHING DUSTS.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. LAUNDRY CONTAMINATE
D
CLOTHING BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED OR
FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED DUST RESPIRATOR.
IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE
SELF-CONTAINED BREATHING APPARATUS.
Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV
REQUIREMENTS.
Protective Gloves:NATURAL RUBBER RECOMMENDED
Eye
Protection:DUST-RESISTANT GOGGLES RECOMMENDED
Other Protective Equipment:EYE BATH, SAFETY SHOWER, WASHING FACILITIES
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR
DRINKING.
Supplemental Safety and Health

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

HCC:T4
NRC/State Lic Num:NOT RELEVANT
Melt/Freeze Pt:M.P/F.P Text:1765F,963C
Spec Gravity:3.86
Viscosity:NOT RELEVANT
Evaporat

ion Rate & Reference:NOT RELEVANT
Solubility in Water:COMPLETE (100%)
Appearance and Odor:COLORLESS CRYSTALS - ODORLESS
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
Hazardous Decomposition Products:HYDROGEN CHLORIDE

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH APPLICABLE FEDERAL,
STATE & LOCAL ENVIRONMENTAL REGULATION
S. REUSING OR RECYCLING IS
RECOMMENDED.

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