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CHEMICAL COMMODITIES AGENCY, INC. -- SODIUM BICARBONATE USP -- 6810-00-264-6618

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

Product ID:SODIUM BICARBONATE USP
MSDS Date:04/08/1991
FSC:6810
NIIN:00-264-6618
MSDS Number: CFYDC
=== Responsible Party ===
Company Name:CHEMICAL COMMODITIES AGENCY, INC.
Address:27447 PACIFIC STREET
City:HIGHLAND
State:CA
ZIP:92346-2640
Country:US
Info Phone Num:909-864-2310/FAX 6
220 D. ANGELO
Emergency Phone Num:909-864-2310
Preparer's Name:CHARLES A. EISENHARD
CAGE:60777
=== Contractor Identification ===
Company Name:CHEMICAL COMMODITIES AGENCY, INC.
Address:27447 PACIFIC STREET
Box:City:HIGHLAND
State:CA
ZIP:92346-2640
Country:US
Phone:909-864-2310
CAGE:60777

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

Ingred Name:SODIUM BICARBONATE
CAS:144-55-8
RTECS #:VZ0950000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 4220 MG/KG. (RTECS)
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACT. ACUTE- DUST MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. SODIUM BICARBONATE IS A SAFE FOOD INGREDIENT. NO SIGNIFICANT TOXICITY IS EXPECTED BY I NGESTION. LARGE DOSES CAN PRODUCE SYS
TEMIC ALKALOSIS IN PATIENT WITH RENAL INSUFFICIENCY. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, COUGHING, REDNESS OF EYES, BLURRED VISION, NAUSEA
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.

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

First Aid:GET MEDICAL HELP IF NEEDED.
EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. SKIN:FLUSH WITH PLENTY OF WATER. INHALED:MOVE TO FRESH AIR. ORAL:CONSULT PHYSICIAN.

========== 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 PROTECTIVE CLOTHING AN
D NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS IF NEEDED.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:PICK UP MATERIAL AS MUCH AS POSSIBLE FOR SALVAGE OR DISPOSAL. WASH AWAY RESIDUE WITH WATER. VENTILATE AREA.
Neutralizing Agent:WEAK ACID

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

Handling and Storage Precautions:STORE IN DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED AWAY

FROM ACIDS. KEEP OUT OF REACH OF CHILDREN.
Other Precautions:AVOID BREATHING DUST. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKPLACE EXPOSURE LIMIT IS EXCEEDED (DUST TLV OF 10 MG/M3), A NIOSH-APPROVED DUST RESPIRATOR OR AIR SUPPLIED RESPIRATOR IS ADVISED.
Ventilation:
ADEQUATE
Protective Gloves:PLASTIC GLOVE RECOMMENDED
Eye Protection:DUST-RESISTANT GOGGLES RECOMMENDED
Other Protective Equipment:EYE WASH STATION, EMERGENCY SHOWER, NORMAL WORK CLOTHING COVERING ARMS AND LEGS
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health

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

HCC:N1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:DECOMPOSES
Melt/Freeze Pt:M
.P/F.P Text:DECOMPOSES
Viscosity:NOT RELEVANT
Evaporation Rate & Reference:NOT RELEVANT
Solubility in Water:16.4 @ 60C/140F
Appearance and Odor:WHITE GRANULAR POWDER - ODORLESS

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

Stability Indicator/Materials to Avoid:YES
ACIDS
Stability Condition to Avoid:EXCESSIVE HEAT, MOISTURE
Hazardous Decomposition Products:CARBON DIOXIDE

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

Waste Disposal Methods:DISPO

SE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. LANDFILL METHOD IS RECOMMENDED.

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