

ALL PURE CHEMICAL COMPANY -- SODIUM BICARBONATE -- 6810-00-241-1143

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

Product ID:SODIUM BICARBONATE

MSDS Date:03/01/1990

FSC:6810

NIIN:00-241-1143

MSDS Number: BTSDW

=== Responsible Party ===

Company Name:ALL PURE CHEMICAL COMPANY

Address:26700 S. BANTA RD.

Box:268

City:TRACY

State:CA

ZIP:95376-0268

Country:US

Info Phone Num:209-835-5423

Emergency Phone Num:209-83

5-5423

CAGE:45202

=== Contractor Identification ===

Company Name:ALL PURE CHEMICAL

Address:26700 S BANTA RD

Box:268

City:TRACY

State:CA

ZIP:95376-0268

Country:US

Phone:209-835-5423

CAGE:45202

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

Ingred Name:SODIUM BICARBONATE

CAS:144-55-8

RTECS #:VZ0950000

Fraction by Wt: >99%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 4.22 G/KG

Ro

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: EYES: MAY CAUSE MODERATE TO SEVERE IRRITATION. SKIN: HEAT OF DISSOLUTION IN WATER MAY CAUSE IRRITATION OR BURN. INGEST: MAY CAUSE GI TRACT IRRITATION. INHAL: MAY CAUSE RESPIRATORY IRRITATION.
Explanation of Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP, IARC OR OSHA.
Effects of Overexposure: EYE/SKIN/INHAL: IRRITATION.
Medical Condition Aggravated by Exposure: MANUFACTURER STATES NONE.

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First Aid Measures
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First Aid: SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. INGEST: GET PROMPT QUALIFIED MEDICAL ATTENTION. IF CONSCIOUS, GIVE 2 GLASSES OF WATER AND INDUCE VOMITING BY STICKING FINGER DOWN THROAT.

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Fire Fighting Measures
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Flash Point: NONE
Autoignition Temp: Autoignition Temp Text: 905F
Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures
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Spill Release Procedures: VENTILATE AREA. USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT. SWEEP OR VACUUM; DO NOT CREATE DUST; PLACE IN A DRY CONTAINER FOR DISPOSAL. CLEAN SPILL AREA WITH WATER. KEEP OUT OF SEWER.
Neutralizing Agent: NOT REPORTED.

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Handling and Storage
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Handling and Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT AND INCOMPATIBLE MATERIALS.
Other Precautions: EMPTY

CONTAINERS MAY CONTAIN HAZARDOUS
RESIDUE;DISPOSE OF PROPERLY.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR
A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST,DEPENDING ON THE AIRBORN
CONCENTRATION.

Ventilation:USE LOCAL EXHAUST.

Protective Gloves:RUBBER.

Eye Protection:DUST-PROOF GOGGLES

Other Protective Equipment:PROTECTIVE CLOT
HING,AS NEEDED.PROVIDE A

LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS
PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

MFR RECOMMENDS THAT CONTACT LENSES SHOULD NOT BE WORN WHEN HANDLING
THIS ITEM;THEY CAN ADD TO THE SEVERITY OF EYE INJURIES.

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

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Decomp T

emp:Decomp Text:228F,109C

Spec Gravity:2.16-2.2

Solubility in Water:MODERATE;8.8%(WT)

Appearance and Odor:POWDER,FREE-FLOWING;WHITE;ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

ACIDS.METALS(EG.ALUMINUM,BRASS) ARE ATTACKED BY AQUEOUS SOLUTIONS OF
THIS ITEM.

Stability Condition to Avoid:HEAT ABOVE 228F,MOISTURE(THIS ITEM IS
HYGROSCOPIC).

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,OXIDES

O

F SODIUM.

Conditions to Avoid Polymerization:THIS ITEM GIVES OFF HEAT WHEN
DISSOLVED IN WATER.

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

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

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