

-- SODIUM BICARBONATE -- 6850-00-264-6618

=====
MSDS Safety Information
=====

FSC: 6850
NIIN: 00-264-6618
MSDS Date: 08/16/1995
MSDS Num: CFYLQ
Tech Review: 01/14/1998
Product ID: SODIUM BICARBONATE
Responsible Party
Cage: 0TYC8
Name: Myers Supply, Inc.
Address: 831 Third Street
City: Hot Springs, AR 71913
Info Phone Number: 501-623-7742
Emergency Phone Number: 888-627-8740

=====
Item Description Information
=====

Item Manager: S9G
Item Name: SODIUM BICARBONATE, TECHNICAL
Specification Number: O-S-576
Type/Grade/Class: 2 CLASS
Unit of Issue: LB
Quantitative Expression: NK

=====
Ingredients
=====

Cas: 144-55-8
RTECS #: VZ0950000
Name: SODIUM BICARBONATE
% by Wt: 100
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Ozone Depleting Chemical: N

=====
Health Hazards Data
=====

LD50 LC50 Mixture: LD50 RAT ORAL 4300MG/KG 20% SLURRY
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: NO SIGNIFICANT HEALTH EFFECTS ANTICIPATED. EYE CONTACT: NON-IRRIT. SKIN CONTACT: NON-IRRIT. SKIN ABSORPTION: NO DATA AVAILABLE. INHAL: NO DATA AVAILABLE. INGEST: LD50 RAT ORAL 6000MG/KG 50% SLURRY.
Explanation Of Carcinogenicity: PER MSDS: CARCINOGENIC POTENTIAL: REG BY OSHA/LISTED ON NTP/IARC GROUP 1, 2A, 2B: NO.
Signs And Symptoms Of Overexposure: SODIUM BICARBONATE IS A GRAB(GENRALLY RECOGNIZED AS SAFE)FOOD INGRED. NO SIGNIFICANT TOXICITY IS EXPECTED.
Medical Cond Aggravated By Exposure: ADMINISTRATION OF LARGE DOSES OF

SODIUM BICARBONATE TO PATIENTS W/RENAL INSUFFICIENCY CAN PRODUCE SYSTEMIC ALKALOSIS. TARGET ORGANS:NONE.
First Aid: EYE:FLUSH W/WATER FOR @LEAST 15MINS.IRRIT OCCURS/PERSISTS OBTAIN MED ATTN.SKIN:WASH W/PLENTY OF SOAP/WATER.GET MED ATTN IR IRRIT
OCCURS/PERSISTS.INHAL:REMOVE TO FRESH AIR.BREATHING DIFFI/DISCOMFORT
OCCURS/PERSISTS OBTAIN MED ATTN.INGEST:DRINK PLENTY OF WATER.NEVER GIVE ANYTHING BY MOUTH TO UNCONSC PERSON.ANY DICOMFORT PERSISTS OBTAIN MED ATTN.NOTE TO DR:INTERNAL TOXICITY LOW.TREATMENT (SUPPLEMEN)

=====
Handling and Disposal
=====

Spill Release Procedures: SWEEP UP AS MUCH AS POSSIBLE FOR SALVAGE OR DISPOSAL.WASH AWAY RESIDUE W/WATER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: IF MATL CANT BE SALVAGED AN ACCEPTABLE METHOD IS

TO DISPO OF UNCONTAM PRODUCT INTO SECURED LANDFILL IAW ALL LOCAL, STATE

AND FEDERAL ENVIRONMENTAL REGLS.EMPTY CNTNRS MAY BE INCINERATED OR DISCARDED AS GENERAL TRASH.NOT LISTED IN ANY REGS.

Handling And Storage Precautions: USE AIR CONVEYING/MECHAN SYS FOR BULK TRANSF TO STORAGE.FOR MANUAL HNDLG OF BULK TRANSF USE MECH VENTI TO REMOVE AIRBORNE DUST FRM RAILCAR/SHIP/TRUCK.

Other Precautions: USE APPROV RESP PROT WHEN VENTI SYS ARE NOT AVAIL.SELECTION OF RESPIRATORS BASED ON DUST CLOUD GENERATED.STORE IN COOL DRY AREA,AWAY FRM ACIDS.USE LOC/GEN RM VENTI TO CNTRL AIRBORNE DUST

THAT MAY BE G ENERATED INTO WORK ENVIRONMENT.(SUPPLEM)

=====
Fire and Explosion Hazard Information
=====

Flash Point Text: NON-COMBUSTIBLE

Autoignition Temp Text: NA

Lower Limits: NA

Upper Limits: NA

Extinguishing Media: WATER,WATER FOG,CARBON DIOXIDE (CO2),DRY CHEMICAL.

Fire Fighting Procedures: NONE

Unusual Fire/Explosion Hazard: NONE.PRODUCT IS NON-COMBUSTIBLE.REACTS W/ACIDS TO RELEASE CARBON DIOXIDE & HEAT.

=====
Control Measures
=====

Respiratory Protection: WEAR MSHA-NIOSH APPROVED DUST RESPIRATOR IF EXCESSIVE VISIBLE DUST LEVELS ARE EXPECTED.

Ventilation: USE GENERAL ROOM DILUTION OR LOCAL EXHAUST VENTIALTION WHEN

EXCESSIVE DUST IS EXPECTED IN THE WORK ENVIRONMENT.

Protective Gloves: GENERAL PURPOSE

Eye Protection: CHEMICAL GOGGLES

Other Protective Equipment: FULL COVER CLOTHING.FOOTWEAR:NONE.

Work Hygienic Practices: MIN EYE/SKIN CONTACT BY USING APPROPRIATE PROT EQPMT.

Supplemental Safety and Health: DEN:0.88G/ML. PH(1%SOLN)=8.3;PH AS IS:NOT

APPLIC. 1ST AID: FOLLOWS STD PROTOCOLS & IS OTHERWISE SYMPTOM/SUPPORT.
OTHER PRECAUT: PROD USES: LEAVENING AGENT, CLEANER INGRED, BATH SALT
INGRED, H2O SOFTENER, DIAPER RINSE INGRED, FEED ADDITIVE. CHEM CERTIFIED
TO

ANSI/NSF STD 60 DRINKING H2O TREAT CHEM-HEALTH EFF. MAX DOSAGE
100MG/L.

=====

Physical/Chemical Properties

=====

HCC: N1
B.P. Text: N/APPLI
M.P/F.P Text: DECOMPOSES
Decomp Text: D
Vapor Pres: N/AVAI
Vapor Density: N/APPLI
Spec Gravity: 2.20
PH: SUPPLE
Viscosity: D
Evaporation Rate & Reference: N/APPLI
Solubility in Water: 9.0% MODERATE
Appearance and Odor: WHITE GRANULAR SOLID, ODORLESS
Percent Volatiles by Volume: N/AVAI
Corrosion Rate: NP

=====

Reactivity Data

=====

Stability Indicator: YES
Stability Condition To Avoid: CONTACT W/ACIS EXCEPT UNDER CONTROLLED
Materials To Avoid: ACIDS, RXS W/ACIDS TO RELEASE CARBON DIOXIDE GAS &
HEAT.
Hazardous Decomposition Products: NONE
Hazardous Polymerization Indicator: NO

=====

Toxicological Information

=====

=====

Ecological Information

=====

=====

MSDS Transport Information

=====

=====

Regulatory Information

=====

=====

Other Information

=====

=====

Transportation Information

=====

Responsible Party Cage: 0TYC8
Trans ID NO: 63495
Product ID: SODIUM BICARBONATE
MSDS Prepared Date: 08/16/1995
Review Date: 01/14/1998
Article W/O MSDS: N
Net Unit Weight: 1 LB

Multiple KIT Number: 0
Unit Of Issue: LB
Container QTY: 50 LB
Type Of Container: BOX
Additional Data: PER MSDS:DOT PROPER SHIPPING NAME:SODIUM
BICARBONDATE;IATA/IMDG/LABLE/UN#/PLACARD:NOT APPLICABLE;DOT
CLASSIFICATION:NON-HAZ.

=====
Detail DOT Information
=====

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

Detail IMO Information
=====

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
=====

Detail IATA Information
=====

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

Detail AFI Information
=====

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

HAZCOM Label
=====

Product ID: SODIUM BICARBONATE
Cage: 0TYC8
Company Name: FMC CORP
Street: 1735 MARKET ST., ADDITIVE DIV
City: PHILADELPHIA PA
Zipcode: 19103 US
Health Emergency Phone: 800-424-9300 OR 303-595-9048
Date Of Label Review: 01/14/1998
Label Date: 01/14/1998
Chronic Hazard IND: N
Eye Protection IND: YES
Skin Protection IND: YES
Respiratory Protection IND: YES
Health Hazard: None
Contact Hazard: None
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: NO SIGNIFICANT HEALTH EFFECTS ANTICIPATED.EYE
CONTACT:NON-IRRIT.SKIN CONTACT:NON-IRRIT.SKIN ABSORPTION:NO DATA
AVAI.INHAL:NO DATA AVAI.TARGET ORGANS:NONE. FIRST AID: EYE:FLUSH
W/WATER

FOR @LEAST 15MIN S.IRRIT OCCURS/PERSISTS OBTRAIN MED ATTN.SKIN:WASH
W/PLENTY OF SOAP/WATER.GET MED ATTN IR IRRIT
OCCURS/PERSISTS.INHAL:REMOVE TO FRESH AIR.BREATHING DIFFI/DISCOMFORT
OCCURS/PERSISTS OBTAIN MED ATTN.ING EST:DRINK PLENTY OF WATER.NEVER
GIVE

ANYTHING BY MOUTH TO UNCONSC PERSON.ANY DICOMFORT PERSISTS OBTAIN MED
ATTN.NOTE TO DR:INTERNAL TOXICITY LOW.TREATMENT FOLLOWS STD PROTOCOLS
&

IS OTHERWISE SYMPTOMA TIC & SUPPORTIVE.
=====

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

This information is formulated for use by elements of the Department of

Defense. The United States of America in no manner whatsoever expressly

or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the

Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not

a military or civilian employee of the United States of America should

seek competent professional advice to verify and assume responsibility

for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.