

FMC CORP -- SODIUM BICARBONATE -- 6850-00-264-6618

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

Product ID:SODIUM BICARBONATE

MSDS Date:08/16/1995

FSC:6850

NIIN:00-264-6618

MSDS Number: CFYLQ

=== Responsible Party ===

Company Name:FMC CORP

Address:1735 MARKET ST., ADDITIVE DIV

City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Info Phone Num:215-299-6699/800-346-7880

Emergency Phone Num:800-424-9300 OR 303-59
5-9048

CAGE:0TYC8

=== Contractor Identification ===

Company Name:FMC CORP

Address:1735 MARKET ST., ADDITIVE DIV

Box:City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Phone:800-468-3853

CAGE:0TYC8

Company Name:FMC CORP CHEMICAL PRODUCTS GROUP

Address:2000 MARKET ST.

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3230

Country:US

Phone:215-200-6000

CAGE:93090

===== 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 RAT ORAL 4300MG/KG 20% SLURRY

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

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

Health Hazards Acute and Chronic: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% S

LURRY.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENIC POTENTIAL:REG BY
OSHA/LISTED ON NTP/IARC GROUP 1,2A,2B:NO.

Effects 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.

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

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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 O CCURS/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)

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

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Flash Point:NON-COMBUSTIBLE

Autoignition Temp: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 DIOZIDE & HEAT.

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

Spill Release Procedures:SWEEP UP AS MUCH AS POSSIBLE FOR SALVAGE OR
DISPOSAL.WASH AWAY R

ESIDUE W/WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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.US

E LOC/GEN RM VENTI TO CNTRL

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

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

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

Ventilation:USE GENERAL ROOM DILUTION OR LOCAL EXHAUST VENTILATION 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.

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

HCC:N1

Boiling Pt:B.P. Text:N/APPLI

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

Decomp Temp: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

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

Stability Indicator/Materials to Avoid: YES
ACIDS, RXS W/ACIDS TO RELEASE CARBON DIOXIDE GAS & HEAT.
Stability Condition to Avoid: CONTACT W/ACIS EXCEPT UNDER CONTROLLED
Hazardous Decomposition Products: NONE

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

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.

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