

FMC CORP WYOMING CORPORATION -- SODIUM BICARBONATE -- 6810-00-297-0092

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

Product ID:SODIUM BICARBONATE

MSDS Date:06/30/1992

FSC:6810

NIIN:00-297-0092

MSDS Number: BVYHD

=== Responsible Party ===

Company Name:FMC CORP WYOMING CORPORATION

Address:1735 MARKET STREET

City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Info Phone Num:800-346-7880

Emergency Phone Num:800-42

4-9300/303-595-9048 (MEDICAL)

CAGE:LO230

=== Contractor Identification ===

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

Company Name:FMC CORP WYOMING CORPORATION

Address:1735 MARKET STREET

City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Phone:800-346-7880

CAGE:LO230

Company Name:LOS ANGELES CHEMICAL CO

Address:4545 ARDINE ST

Box:1987

City:SOUTH GATE

State:CA

ZIP:90280

Country:US

Phone:

213-562-9500
CAGE:75656

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Composition/Information on Ingredients
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Ingred Name:SODIUM BICARBONATE
CAS:144-55-8
RTECS #:VZ0950000
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LD50 (RAT): 4300 MG/KE (20% SLURRY)
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: MILD IRRITATION (RABBIT). SKIN:
MILD IRRITATION. SKIN ABSORPTION: NO DATA AVAILABLE. INHA
LATION: NO
DATA AVAILABLE. INGESTION: PRACTICALLY NON-TOXIC. ACUTE: SODIUM
BICARBONATE IS GENERALLY RECOGN IZED AS SAFE FOOD INGREDIENT. NO
SIGNIFICANT TOXICITY EXPECTED. MAY BE IRRITATING TO SKIN & EYES. *
Effects of Overexposure:* CHRONIC: ADMINISTRATION OF LARGE DOSES OF
SODIUM DICARBONATE TO PATIENTS WITH RENAL INSUFFICIENCY CAN PRODUCE
SYSTEMIC ALKALOSIS.

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First Aid Measures
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First Aid:EYE:FLUSH W/WATER 15 MIN. IF IRRITAT
ION PERSISTS OBTAIN MED
ATTENTION. SKIN: WASH W/SOAP & WATER 15 MIN. IF IRRITATION
PERSISTS, OBTAIN MEDICAL ATTENTION. INHALATION:REMOVE FROM
EXPOSURE. IF DISCOMFOR T OCCURS & PERSISTS,OBTAIN MEDICAL ADVICE BY
PHONE. DECONTAMINATION PROCEDURE:WASH W/SOAP & WATER. NOTE TO
DR:INTERNAL TOXICTY LOW. TREATMENT FOLLOWS STANDARD PROTOCOL & IS
SYMPTOMATIC & SUPPORTIVE.

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Fire Fighting Measures
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Flash Point:NON COMBUSTIBLE
Extinguishing
Media:ALL
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures
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Spill Release Procedures:SWEEP UP AS MUCH AS POSSIBLE FOR SALVAGE OR
DISPOSAL. WASH AWAY RESIDUE WITH WATER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL, DRY AREAS & AWAY FROM
CHEMICAL THAT MAY CONTAMINATE PRODUCT. MINIMIZE THE FREE FALL WHEN
HANDLING TO MINIMIZE THE D

UST GENERATED.

Other Precautions:WEAR EYE PROTECTION & MSHA/NIOSH APPROVED DUST RESPIRATOR TO PREVENT IRRITATION WHERE EXCESSIVE DUST MAY BE EXPECTED. CARBON DIOXIDE GAS CAN FORM IN CONFINED SPACES IS SODIUM BICARBONATE CONTACTS ACID S. DO NOT ENTER CONFINED SPACES TILL **

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

Respiratory Protection:WEAR MSHA/NIOSH APPROVED DUST RESPIRATOR. IF EXCESSIVE VISIBLE DUST LEVELS AREA EXPECTED.

Ventilation:GENERAL PURPOSE

Protective Gloves:CHEMICAL GOGGLES

Eye Protection:FULL COVER CLOTHING

Supplemental Safety and Health

** THEY HAVE BEEN WELL VENTILATED AND CARBON DIOXIDE AND OXYGEN LEVELS HAVE BEEN DETERMINED TO BE SAFE. CONTINUE TO MONITOR ATMOSPHERE FROM OXYGEN DEFICIENCY.

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

Vapor Pres:NIL

Spec Gravity:2.20 (WATER=1)

pH:8.3-1%

Solubility in Water:9.0 (20C) BY WEIGHT

Appearance and Odor:WHITE GRANULAR SOLID, ODORLESS

Percent Volatile

s by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH ACIDS TO RELEASE CARBON DIOXIDE GAS AND HEAT.

Stability Condition to Avoid:CONTACT W/ACIDS EXCEPT UNDER CONTROLLED CONDTIONS. CO2 CAN FORM IN CONFINED SPACES WHEN ALKALINE PRODUCT CONTACT ACIDS.

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:IF MATERIAL CANNOT BE SAL

VAGED, THE PREFERRED

METHOD OF DISPOSAL IS IN A SECURED LANDFILL IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL ENVIRONMENTAL REGULATIONS. EMPTY CONTAINERS MAY BE INCINERATED OR DISCARDED AS GENERAL TRASH.

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