

FMC WYOMING CORP -- SODIUM BICARBONATE -- 6810-00-264-6618

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

Product ID:SODIUM BICARBONATE

MSDS Date:08/16/1995

FSC:6810

NIIN:00-264-6618

MSDS Number: CGHFN

=== Responsible Party ===

Company Name:FMC WYOMING CORP

Address:1735 MARKET ST

City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Info Phone Num:800-346-7880

Emergency Phone Num:303-595-9048;800-424-9300(CHEMTREC

)

CAGE:IO144

=== Contractor Identification ===

Company Name:FMC CORP

Address:1735 MARKET STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Phone:303-595-9048

CAGE:0S2C1

Company Name:FMC WYOMING CORP

Address:2000 MARKET ST

Box:City:PHILADELPHIA

State:PA

ZIP:19103

Country:US

Phone:215-299-6000

CAGE:IO144

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

Ingred Name:SODIUM BICARBONATE (1:1); (SODIUM BICARBONATE)

CAS:144-55-8

RTECS #:VZ0950000

OSHA PEL:N/K

ACGIH TLV:N/

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Hazards Identification  
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LD50 LC50 Mixture:SUPDAT

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. ACUTE: SODIUM BICARBONATE IS A GRAS (GENERALLY RECOGNIZED AS SAFE) FOOD INGREDIENT. NO SIGNIFICANT TOXICITY IS EXPECTED. CHRONIC: ADMINISTRATION OF LARGE DOSES OF SODIUM BICARBONATE TO PATIENTS WITH RENAL INSUFFICIENCY CAN PRODUCE SYSTEMIC ALKALOSIS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:EYES: FLUSH W/WATER FOR AT LEAST 15 MIN. IF IRRIT OCCURS & PERSISTS, OBTAIN MED ATTN. SKIN: WASH W/PLENTY OF SOAP & WATER. GET MED ATTN IF IRRIT OCCURS & PERSISTS. INHAL: REMOVE TO FRESH AIR. IF

BREATHING DIFFICULTY OR DISCOMFORT OCCURS & PERSISTS, OBTAIN MED ATTN. INGEST: DRINK PLENTY OF WATER. NEVER GIVE ANYTHING BY MOUTH TO UNCON PERSON. IF ANY DISCOMFORT PERSISTS, OBTAIN MED ATTN. NOTES (SUPDAT)

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Fire Fighting Measures  
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Flash Point:NON-COMBUSTIBLE

Extinguishing Media:WATER, WATER FOG, CARBON DIOXIDE (CO\*2), DRY CHEMICAL.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

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.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL, DRY AREA, AWAY FROM ACIDS. USE GENERAL ROOM DILUTION OR LOCAL EXHAUST VENT WHEN EXCESSIVE DUST IS EXPECTED IN THE WORK EN

VIRONMENT.

Other Precautions:USE AIR CONVEYING/MECH SYSTEMS FOR BULK TRANSFER TO STORAGE. FOR MANUAL HNDLG OF BULK TRANSFER USE MECH VENT TO REMOVE AIRBORNE DUST FROM RAILCAR, SHIP OR TRUCK. USE NIOSH APPRVD RESP PROT WHEN VENT S YSTEMS ARE NOT AVAILABLE. (SUPDAT)

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

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

Ventilation:USE LOCAL OR GENERAL ROOM VENTI LATION TO CONTROL AIRBORNE

DUST THAT MAY BE GENERATED INTO THE WORK ENVIRONMENT.

Protective Gloves:GENERAL PURPOSE GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER . FULL COVER CLOTHING.

Work Hygienic Practices:MINIMIZE EYE AND SKIN CONTACT BY USING APPROPRIATE PROTECTIVE EQUIPMENT.

Supplemental Safety and Health

PH (AS IS): N/A; PH (1% SOLN): 8.3. LD50 MIX: LD50: (ORAL, RAT) 4300 MG/KG (20% SLURRY); 6000

MG/KG (50% SLURRY). FIRST AID PROC: TO MD:

INTERNAL TOXICITY IS LOW. TREATMENT FOLLOWS STD PROTOCOLS & IS OTHERWISE SYMPTOMATIC & SUPPORTIVE. OTHER PRECS: SELECTION OF RESP IS BASED ON DUST CLOUD GENERATED.

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

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

Spec Gravity:2.20 (H\*2O=1)

pH:SUPDAT

Solubility in Water:9.0% BY WT (20C)

Appearance and Odor:WHITE SOLID, GRANULAR; ODORLESS

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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 WITH ACIDS EXCEPT UNDER CONTROLLED.

Hazardous Decomposition Products:NONE.

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

Waste Disposal Methods:IF MATERIAL CANNOT BE SALVAGED, AN ACCEPTABLE METHOD IS TO DISPOSE OF UNCONTAMINATED PRODUCT INTO A SECURED LANDFILL I/AW ALL LOCAL, STATE AND FEDERAL ENVI

ENVIRONMENTAL

REGULATIONS. EMPTY CONTAINERS MAY BE INCINERATED OR DISCARDED AS GENERAL TRASH.

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