

FMC CORP ALKALI CHEMICAL DIV GREEN RIVER PLANT -- SODIUM CARBONATE --
6810-00-262-8567

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

Product ID:SODIUM CARBONATE

MSDS Date:10/10/1988

FSC:6810

NIIN:00-262-8567

MSDS Number: BDQBQ

=== Responsible Party ===

Company Name:FMC CORP ALKALI CHEMICAL DIV GREEN RIVER PLANT

Address:20 MILE W

Box:872

City:GREEN RIVER

State:WY

ZIP:82935

Country:US

Info Phone Num:307-875-2

580/303-595-9048/

Emergency Phone Num:307-875-2580/303-595-9048/

CAGE:4E890

=== Contractor Identification ===

Company Name:FMC CORP ALKALI CHEMICAL DIV GREEN RIVER PLANT

Address:20 MILE W

Box:872

City:GREEN RIVER

State:WY

ZIP:82935

Country:US

Phone:307-875-2580

CAGE:4E890

Company Name:SANLO PRODUCTS CO

Address:100 MANHATTAN AVE SUITE 103

Box:City:UNION CITY

State:NJ

ZIP:07087

Country:US

Phone:201-348-1684

CAGE:0K500

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

Ingred Na

me:SODIUM CARBONATE
CAS:497-19-8
RTECS #:VZ4050000
Fraction by Wt: 99.8%
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 5,600 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-MAY CAUSE SEVERE EYE
IRRITATION.DUSTS & MISTS ARE IRRITATING TO THE SKIN,MUCOUS
MEMBRANES & UPPER RESPIRATORY TRACT.NO
SIGNIFICANT HEALTH HAZARD IF
INGESTED.CHRONIC-MAY CAUSE INFLAMMATION OF THE MUCOUS MEMBRANES IN
THE RESPIRATORY TRACT AND OF THE SKIN.
Effects of Overexposure:MAY CAUSE SEVERE EYE IRRITATION. DUSTS & MISTS
ARE IRRITATING TO THE SKIN, MUCOUS MEMBRANES & UPPER RESPIRATORY
TRACT. NO SIGNIFICANT HEALTH HAZARD IF INGESTED.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE
MORE SUSCEPTIBLE TO TH
E EFFECTS OF THE SUBSTANCE.

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

First Aid:OBTAIN MEDICAL HELP IF SYMPTOMS PERSIST.INHALATION:REMOVE TO
FRESH AIR.EYES/SKIN:IMMEDIATELY FLUSH WITH WATER FOR 15
MINUTES.HOLD EYELIDS OPEN.INGESTION:IF CONSCIOUS,DRINK WATER TO
DILUTE.GET MEDICAL ATTENTION.

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

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SWEEP UP MATERIAL FOR DISPOSAL OR RECOVERY.
THOROUGHLY SWEEP OR WASH AREA OF SPILL TO CLEAN UP ANY RESIDUAL
MATERIAL.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE-KEEP CONTAINER

TIGHTLY CLOSED

AWAY FROM ACIDS.MINIMIZE DUST GENERATION.

Other Precautions:POTENTIALLY DEADLY CARBON MONOXIDE GAS CAN FORM IN ENCLOSED AREAS OR TANKS WHEN ALKALINE PRODUCTS CONTACT FOOD OR BEVERAGE PRODUCTS THAT CONTAIN SUGARS. DO NOT ENTER SUCH AREAS UNTILL THEY HAVE BEEN WELL VENTILATED OR WEAR RESPIRATORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKPLACE EXPOSURE LIMIT IS EXCEEDED (DUST TLV

OF 10 MG/M3), A NIOSH/MSHA APPROVED

DUST RESPIRATOR OR AIR SUPPLIED RESPIRATOR IS ADVISED.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:PLASTIC GLOVE RECOMMENDED

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION, EMERGENCY SHOWER, NORMAL WORK CLOTHING COVERING ARMS AND LEGS

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. DO NOT BREATHE DUSTS. AVOID CONTACT

WITH EYES AND SKIN.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:1564F,851C

Vapor Pres:NIL

Spec Gravity:2.509

Solubility in Water:33% MAX

Appearance and Odor:WHITE GRANULAR SOLID - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

ACIDS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES

Hazardous Decom

position Products:NONE

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

Waste Disposal Methods:DEPOSIT IN A CHEMICAL LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. EMPTY CONTAINERS MAY BE INCINERATED OR DISCARDED AS GENERAL TRASH.

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