

FISHER SCIENTIFIC, CHEMICAL DIV. -- SODIUM CARBONATE,S-263 -- 6810-00-264-3936

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Product Identification
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Product ID:SODIUM CARBONATE,S-263

MSDS Date:05/27/1988

FSC:6810

NIIN:00-264-3936

MSDS Number: BPRFK

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone N

um:201-796-7100 OR 201-796-7523

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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Composition/Information on Ingredients
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Ingred Name:SODIUM CARBONATE

CAS:497-19-8

RTECS #:VZ4050000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC

50 Mixture:LD50 (ORAL RAT) IS 4090 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. INGESTION MAY CAUSE NAUSEA,

VOMITING, ABDOMINAL PAIN, DIARRHEA. LETHAL HUMAN DOSE IS

APPROXIMATELY 30 GRAMS. CHRONIC- MAY CAUSE PERFORATION OF THE NASAL

SEPTUM.

Effects

of Overexposure:MAY CAUSE SEVERE EYE IRRITATION. DUSTS & MISTS

ARE IRRITATING TO THE SKIN, MUCOUS MEMBRANES & UPPER RESPIRATORY

TRACT. INGESTION MAY CAUSE NAUSEA, VOMITING, ABDOMINAL PAIN,

DIARRHEA. LETHAL HUMAN DOSE IS APPROXIMATELY 30 GRAMS. PROLONGED

OR REPEATED EXPOSURE MAY CAUSE PERFORATION OF THE NASAL SEPTUM.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE

MORE SUSCEPTIBLE TO THE

EFFECTS OF THE SUBSTANCE.

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

First Aid:OBTAIN MEDICAL ATTENTION. INHALATION:REMOVE TO FRESH AIR.

PROVIDE CPR/OXYGEN IF NEEDED. EYES/SKIN:FLUSH WITH WATER FOR 15-20

MINUTES. HOLD EYELIDS OPEN. INGESTION:IF CONSCIOUS,DRINK LARGE

AMOUNT OF WATER TO DILUTE. GET MEDICAL ATTENTION.

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

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL

FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.

Fire Fighting Procedures:NO ACUTE HAZARD. MOVE CONTAINER FROM FIRE AREA

IF POSSIBLE. AVOID BREATHING VAPORS OR DUST. KEEP UPWIND.

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO

HEAT OR FLAME.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. SWEEP UP MATERIAL

FOR DISPOSAL OR RECOVERY. THOROUGHLY SWEEP OR WASH AREA

OF SPILL TO
CLEAN UP ANY RESIDUAL MATERIAL.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE- KEEP CONTAINER TIGHTLY CLOSED
AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:POTENTIALLY DEADLY CARBON MONOXIDE GAS MAY 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 W ELL V
ENTILATED OR WEAR RESPIRATORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKPLACE EXPOSURE
LIMIT IS EXCEEDED (DUST TLV OF 10 MG/M3), A NIOSH-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 Prot

ective 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

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

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

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

Spec Gravity:2.509

Solubility in Water:7.1% @ 0C

Appearance and Odor:COLORLESS TO WHITE, HYGROSCOPIC CR
YSTALLINE POWDER

OR GRANULES - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

ACIDS (STRONG), ALUMINUM (HOT), WATER, AMMONIA+SILVER NITRATE,
FLUORINE, LITHIUM, SODIUM SULFIDE (HOT), ZINC

Stability Condition to Avoid:HIGH HEAT, FIRE

Hazardous Decomposition Products:MAY FORM TOXIC SODIUM OXIDE AND TOXIC
OXIDE OF CARBON.

===== 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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