

FISHER SCIENTIFIC, CHEMICAL DIV. -- SODIUM CARBONATE -- 6810-00-233-1715

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Product Identification
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Product ID:SODIUM CARBONATE

MSDS Date:03/22/1989

FSC:6810

NIIN:00-233-1715

MSDS Number: BPTXB

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100/800-429-9300

Emergency Phone

Num: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 SPECIFIED

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Hazards Identification
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LD50 LC5

0 Mixture:800MG/M3 MSE;1700MG/M3 INHL PU SEE FILE

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

Health Hazards Acute and Chronic:ACUTE: INHALE; MUCOUS MEMBRANE IRRITATE/ COUGH/SHORN BREATH/GASTROINTESTINAL CHANGES. SKIN: IRRITATE/RED/ERYTHEMA/ BLISTER/NECROSIS. EYE: IRRITATE/RED PAIN/BLURRED VISION. INGEST: CORROSION OF MUCOSA/ SORE THROAT/PAIN/GASTROINTESTINAL DISTURB/NAUSEA/VOMIT/ABDOMINAL PAIN/DIARRHEA/CIRCULATORY COLLAPSE. CHRONIC: INHALE;

Effects of Overexposu

re:SKIN/EYE/INHALE; IRRITATE/TOXIC. INGEST: CORROSIVE. NASAL SEPTUM PERFORATION. SKIN: DERMATITIS/"SODA ULCERS" OF HANDS AND WRISTS.

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

First Aid:INHALE: MOVE-FRESH AIR IMMED. ARTIF RSPRTN IF NEEDED. WARM/QUIET/AT REST. TREAT SYMPTOMATICALLY/SUPPORTIVELY. GET MED AID IMMED. SKIN: IMMED REMOVE CONTAM CLOTHES/SHOES. WASH W/SOAP/MILD DETERG/WATER 15 MIN. GET MED AID IMMED. EYE: IMMED WASH W/WATER/LIFT LIDS 15 MIN-IRRITATE W/NORMAL SALINE TIL PH NORMAL. COVER W/STERILE BANDAGES. GET MED AID IMMED. INGEST: GIVE WATER/MILK/ALLOW VOMIT. AVOID

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

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER SPRAY, STANDARD FOAM.
Fire Fighting Procedures:NO ACUTE HAZARD. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. AVOID BREATHING VAPORS OR DUSTS, KEEP UPWIND. GLYCEROL, INSOL: ALCOHOL/ACETONE.
Unusual Fire/Explosion H
azard:NEGLIGIBLE WHEN EXPOSED TO HEAT OR FLAME.
OR GRANULES WITH AN ALKALINE TASTE.

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

Spill Release Procedures:SWEEP UP/PLACE FIBERBOARD CONTAINERS- RECLAMATION/LATER DISPOSAL. GASTRIC LAVAGE/EMETICS. ESOPHAGOSCOPY ONLY WAY TO EXCLUDE CORROSION OF UPPER GI TRACT. MAINTAIN AIRWAY/TREAT SHOCK/IF VOMITING OCCURS KEEP HEAD BELOW HIPS-PREVENT %
Neutralizing Agent:N/K %ASPIRATION. GET MED AID IMMED.

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

Other Precautions:PHOSPHOROUS PENTOXIDE: HIGHLY EXOTHERMIC REACTION.
HOT SODIUM SULFIDE: EXPLOSIVE REACTION-CONTACT W/WATER. SULFURIC
ACID: VIOLENT ERUPTION. 2,4,6-TRINITROTOLUENE: REDUCED EXPLOSIVE
TEMPERATURE. ZINC: CORROSIVE.

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

Respiratory Protection:SPECIFIC RESPIRATOR USED BASED ON CONTAMINATION
LEVELS FOUND IN WORK PLACE, MUST NOT eXCEED WORKING LIMITS
OF
RESPIRATOR/ JOINTLY APPROVED BY NATIONAL INSTITUTE FOR OCCUPATIONAL
SAFETY AND HEALTH/ THE MINE SAFETY AND HEALTH ADMINISTRATION.
Ventilation:PROVIDE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION
SYSTEM.

Protective Gloves:PROTECTIVE GLOVES

Eye Protection:SPLASH-PROOF/DUST RESIST SAFETY GOGGLES

Other Protective Equipment:APPROPRIATE PROTECTIVE (IMPERVIOUS)
CLOTHING/ EQUIPMENT.

Work Hygienic Practices:EYE WASH FOUNTAIN/QUICK DRENCH SHOWER WITHIN
THE IMMEDIATE WORK AREA.

Su
pplemental Safety and Health
NK

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

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

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

Spec Gravity:2.536

pH:11.5

Solubility in Water:7.1%

Appearance and Odor:ODORLESS, COLORLESS TO WHITE, HYGROSCOPIC
CRYSTALLINE POWDER, SMALL CRYSTALS

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

Stability Indicator/Materials to Avoid:NO

SILVER NITRATE: EXPLOSIVE REACTION UPON HEATING. AN AR

OMATIC AMINE/A

CHLORONITRO COMPOUND: EXOTHERMIC REACTION.

Stability Condition to Avoid:REACTS W/WATER W/EVOLUTION OF HEAT. STRONG ACIDS: MAY REACT VIOLENTLY. HOT ALUMINUM: EXPLOSIVE REACTION.

AMMONIA /

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE TOXIC SODIUM OXIDE AND TOXIC OXIDES OF CARBON.

Conditions to Avoid Polymerization:2,4-DINITROTOLUENE: INCREASES EXPLOSIVENESS. FLUORINE: VIOLENT IGNITION. BURNING LITHIUM: RELEASES REACTIVE SODIUM

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

Waste Disposal Methods:OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS WHEN STORING OR DISPOSING OF THIS SUBSTANCE.

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