

MALLINCKRODT INC SCIENCE PRODUCTS DIVISION -- SODIUM CARBONATE ANHYDROUS --
6810-00-264-6593

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

Product ID:SODIUM CARBONATE ANHYDROUS

MSDS Date:08/08/1985

FSC:6810

NIIN:00-264-6593

MSDS Number: BQKPB

=== Responsible Party ===

Company Name:MALLINCKRODT INC SCIENCE PRODUCTS DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Info Phone Num:606

-987-7000

Emergency Phone Num:606-987-7000

CAGE:62910

=== Contractor Identification ===

Company Name:MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

Company Name:SHAPE PRODUCTS

Address:1127 57TH AVE.

Box:City:OAKLAND

State:CA

ZIP:94621-4427

Country:US

Phone:510-534-1186 OR 800-444-0015

CAGE:3D869

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

Ingred Name:SODIUM CARBONATE

CAS:

497-19-8

RTECS #:VZ4050000

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:IRRITATION EYE RABBIT: 190MG/24H.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: INHALATION OF DUST MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT. INGESTION: ONLY SLIGHTLY TOXIC, BUT LARGE DOSES MAY BE CORROSIVE TO THE GASTRO-INTESTIN

AL

TRACT. SKIN: EXCESSIVE CONTACT MAY CAUSE IRRITATION. EYE: CONTACT MAY BE CORROSIVE TO EYES & CAUSE CONJUNCTIVAL EDEMA & CORNEAL DESTRUCTION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INHALATION: COUGHING & LABORED BREATHING. EXCESSIVE CONTACT IS KNOWN TO CAUSE DAMAGE TO THE NASAL SEPTUM. INGESTION: SEVERE ABDOMINAL PAIN, VOMITING, DIARRHEA, COLLAPSE.

SKIN: BLISTERING & REDNESS. SOLUTION MAY CAUSE SEVERE IRRITATION OR BURNS.

Medical Cond Aggravated by Exposure:NO INFORMATION FOUND.

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

First Aid:INHALATION-REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR BREATHING DIFFICULTY. INGESTION-DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER OR MILK. GET MEDICAL ATTENTION IMMEDIATELY. SKIN-REMOVE SOLID CLOTHING. WASH SKIN WITH SOAP OR MILD

DETERGENT

& WATER FOR AT LEAST 15 MIN. EYE-WASH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. GET MEDICAL ATTENTION IMMEDIATELY.

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

Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:USE PROTECTIVE CLOTHING & BREATHING EQUIPMENT APPROPRIATE FOR THE SURROUNDING FIRE.

Unusual Fire/Explosion Hazard:NOT CONSIDERED AN EXPLOSION HAZARD, BUT EXPLOSION MAY OCCUR WHEN AP

PLIED TO RED-HOT ALUMINUM.

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

Spill Release Procedures:AVOID CONTACT, USE PROTECTION. SCOOP UP SOLID & PLACE IN SUITABLE CONTAINERS FOR RECOVERY OR DISPOSAL. FLUSH RESIDUE & LIQUID SPILLS TO HOLDING AREA FOR NEUTRALIZATION (DILUTE HYDROCHLORIC ACID), BEFO RE DISCHARGE. RECLAIM & REUSE AS MUCH AS POSSIBLE.

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

Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE. ISOLATE FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:NONE

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

Respiratory Protection:FOR CONDITIONS OF USE WHERE EXPOSURE TO THE DUST IS APPARENT, A DUST.MIST RESPIRATOR MAY BE WORN. FOR EMERGENCIES, A SELF-CONTAINED BREATHING APPARATUS MAY BE NECESSARY.

Ventilation:A LOCAL EXHAUST SYSTEM.

Protective Gloves:WEAR PROTECTIVE GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES/FULL FACE SHIELD

Other Protective Equipment:WEAR CLEAN BODY-COVERING CLOTHING. MAINTAIN EYE WASH FOUNTAIN AND QUICK-DRENCH FACILITY IN WORK PLACE.

Work Hygienic Practices:CLOTHING SHOULD BE WASHED AFTER EACH USE.

Supplemental Safety and Health
NONE

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

HCC:B3

Boiling Pt:B.P. Text:DECOMPOSES

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

Spec Gravity:2.25

Solubility in Water:4

5.5 G/100 ML WATER

Appearance and Odor:WHITE POWDER OR GRANULES; ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

PHOSPHORIC PENTOXIDES, SULFURIC ACID, ZINC, LITHIUM, MOISTURE & 2,4,6-TRINITROTOLUENE.

Stability Condition to Avoid:STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE.

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE MAY FORM WHEN HEATED TO DECOMPOSITION.

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Disposal Considerations =====

Waste Disposal Methods:SEND REMINDER TO AN APPROVED WASTE DISPOSAL FACILITY. ALTERNATIVELY, IF LOCAL ORDINANCE ALLOW, NEUTRALIZE WASTES CAN USUALLY BE FLUSHED TO DRAIN WITH MUCH EXCESS WATER. ENSURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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