

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:60

6-987-7000

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-INTESTI
NAL
TRACT. SKIN: EXCESSIVE CONTACT M AY CAUSE IRRITATION. EYE: CONTACT
MAY BE CORROSIVE TO EYES & CAUSE CONJUNCTIVAL ADEMA & 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, D
IARRHEA, COLLAPSE.
SKIN: BLISTERING & REDNESS. SO LUTION 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 SOLIED 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
APPROPIATE FOR THE SURROUNDING FIRE.
Unusual Fire/Explosion Hazard:NOT CONSIDERED AN EXPLOSION HAZARD, BUT
EXPLOSION MAY OCCUR WHEN A

PPLIED 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 I
N 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:WEA
R 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:

45.5 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, S TATE AND FEDERAL REGULATIONS.

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