

MALLINCKRODT INC -- SODIUM THIOSULFATE -- 6810-00-233-0110

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Product Identification
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Product ID:SODIUM THIOSULFATE

MSDS Date:08/05/1985

FSC:6810

NIIN:00-233-0110

MSDS Number: BMPZM

=== Responsible Party ===

Company Name:MALLINCKRODT INC

Box:M

City:PARIS

State:KY

ZIP:40361-0315

Country:US

Info Phone Num:314-895-2000

Emergency Phone Num:314-982-5000

CAGE:1BF21

=== Contractor Identification

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Company Name:MALLINCKRODT INC., SCIENCE PRODUCTS DIV

Box:M

City:PARIS

State:KY

ZIP:40361-0315

Country:US

Phone:314-982-5000

CAGE:1BF21

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

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Composition/Information on Ingredients
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Ingred Name:SODIUM THIOSULFATE

CAS:7772-98-7

RTECS #:XN6476000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION:BREATHING DUST OR MIST MAY IRRITATE RESPIRATORY TRACT. INGESTION:LOW TOXICITY BUT MAY CAUSE IRRITATION TO THE GASTROINTESTINAL TRACT AND PURGING.
SKIN:IRRITATION FROM PROLONGED CONTACT. EYE S:MAY CAUSE MECHANICAL IRRITATION. CHRONIC:NO INFORMATION AVAILABLE.

Effects of Overexposure:R
ED EYE AND DIS COMFORT, COUGHING, SKIN IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. IF SHORT OF BREATH, GIVE OXYGEN. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION. INGESTION: IF CONSCIOUS, GIVE 2 TO 4 GLASSES OF WATER AND GET MEDICAL HELP. EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. SKIN:WASH WITH SOAP AND WATER UNTIL ALL OF THE CHEMICAL IS REMOVED. REMOVE CONTAMINATED CLOTHING. IN ALL CASES: SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.

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

Flash Point:NON-COMBUSTIBLE
Extinguishing Media:IF INVOLVED IN A FIRE, CHOSE EXTINGUISHING AGENT MOST SUITABLE FOR TYPE OF SURROUNDING FIRE.
Fire Fighting Procedures:NIOSH APPROVED BREATHING APPARATUS SHOULD BE USED BY FIRE-FIGHTERS. SKIN AND EYE PROTECTION SHOULD ALSO BE USED. USE WATER SPRAY TO COOL NEARBY CONTAINERS.
Unusual Fire/Explosion Hazard:IF INVOLVED IN AFIRE, TOXIC AND IRRITATION GASES AND RESIDUE MAY EVOLVE.

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

Spill Release Procedures:PROMPTLY SHOVEL OR SWEEP UP THE DRY CHEMICAL INTO AN EMPTY CONTAINER WITH A MINIMUM OF DUSTING. COVER AND SAVE FOR RECLAMATION OR DISPOSAL. WEAR RESPIRATORY PROTECTION FOR DUST. SMALL RESIDUE MAY BE W ASHED WITH WATER.

===== Handling and St

orage =====

Handling and Storage Precautions:STORE IN A COOL, DRY AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE AND PROTECT FROM PHYSICAL DAMAGE.
Other Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE DUST.

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

Respiratory Protection:USE A NIOSH APPROVED DUST RESPIRATOR. IF SULFUR DIOXIDE SHOULD BE RELEASED, USE A SUPPLIED-AIR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS.

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ventilation:PROVIDE LOCAL EXHAUST IF DUSTY CONDITIONS PREVAIL, AND IF THERE SHOULD BE A RELEASE OF SULFUR DIOXIDE GAS.

Protective Gloves:COTTON GLOVES ARE GENERALLY ADEQUATE.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:FOR ROUTINE PRODUCT HANDLING OR USE, WEAR FULL WORK CLOTHING. INCLUDING LONG-SLEEVED SHIRT AND TROUSERS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING THIS MATERIAL.

Supplemental Safety and Health

PROVIDE EYE-WASH FACILITIES CONVENIENT TO AREAS OF USE OR HANDLING.

CONTACT WITH ACIDS RELEASES SULFUR DIOXIDE GAS.

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

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:118F,48C

Decomp Temp:Decomp Text:212F,100C

Spec Gravity:1.69

pH:@ 9

Solubility in Water:50% IN COLD WATER

Appearance and Odor:COLORLESS CRYSTALS WITH NO ODOR.

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

Stability Indicator/Materials to Avoid:YES
METAL NITRATES,

SODIUM NITRITE, IODINE, ACIDS, LEAD, MERCURY AND SILVER
SALTS.

Stability Condition to Avoid:MOISTURE, HIGH TEMPERATURES (ABOVE 100C).

Hazardous Decomposition Products:TOXIC HYDROGEN SULFIDE, SULFUR DIOXIDE
GAS AND SODIUM OSIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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