

MALLINCKRODT INC -- SODIUM SULFITE -- 6810-00-043-0783

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Product Identification
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Product ID:SODIUM SULFITE
MSDS Date:04/06/1989
FSC:6810
NIIN:00-043-0783
MSDS Number: BJRBC
=== Responsible Party ===
Company Name:MALLINCKRODT INC
Address:PARIS BYPASS
Box:M
City:PARIS
State:KY
ZIP:40361
Country:US
Info Phone Num:606-987-7000
Emergency Phone Num:314-982-5000
CAGE:62910
=== Contractor Identifi-
fication ===
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

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Composition/Information on Ingredients
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Ingred Name:SODIUM SULFITE. PEL/TLV FOR SODIUM BISULFITE.
CAS:7757-83-7
RTECS #:WE2150000
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of E

ntry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL: DUST MAY CAUSE IRRIT TO THE MUC
MEMBS OF THE UPPER RESP TRACT. INGEST: MAY CAUSE GASTRIC IRRIT BY
THE LIBERATION OF SULFUROUS ACID. LARGE DOSES MAY RSLT IN
CIRCULATORY DISTURBANCES, DIARR, & CN S DEPRESS. EST FATAL DOSE IS
10 GM. SKIN: MAY CAUSE IRRIT. EYES: MAY CAUSE IRRIT, REDNESS, PAIN.
CHRONIC: NO INFO FOUND.

Explanation of Carcinogenici
ty:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS

Medical Cond Aggravated by Exposure:SOME INDIVIDUALS ARE SAID TO BE
DANGEROUSLY SENSITIVE TO MINUTE AMTS OF SULFITES IN FOODS. SYMPTOMS
MAY INCLUDE BRONCHO CONSTRICTION, SHOCK, GI DISTURB, ANGIOEDEMA,
FLUSHING, & TINGLING SENSATIONS.

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First Aid Measures
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First Aid:INHAL: REMOVE TO FRESH AIR. GET MD FOR ANY BRTHG DFCLTY.
INGEST: INDUCE VOMIT IMMED BY GIVING 2 GLASSES WATER,
OR MILK IF
AVAIL & STICKING FINGER DOWN THROAT. CALL MD IMMED. NEVER GIVE
ANYTHING BY MOU TH TO AN UNCON PERSON. SKIN: REMOVE ANYCONTAM
CLTHG. WASH SKIN WITH WATER FOR AT LEAST 15 MIN. IF IRRIT DEVELOPS,
GET MD. EYES: IMMED FLUSH WITH WATER FOR AT LEAST 15 MIN. GET MD.

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

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH/MSHA

APPROVED SCBA WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND
OR OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

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Accidental Release Measures
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Spill Release Procedures:VENT AREA OF LEAK OR SPILL. PROTECT CLEAN-UP
PERSONNEL FROM DUST WITH NIOSH/MSHA APPROVED RESPIRATOR &
PROTECTIVE CLOTHING. SWEEP UP DRY MATL INTO A SUITABLE METAL
CONTAINER WITH COVER FOR RECLAMATION /D

ISPOSAL. CAUTIOUSLY SPRAY
RESIDUE(SEESUPP DATA)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID BREATHING DUST. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.
Other Precautions:HARMFUL IF SWALLOWED. MAY CAUSE ALLERGIC REACTION. MAY CAUSE IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

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===== Exposure Controls/Personal Protection =====
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Respiratory Protection:IF TLV IS EXCEEDED, NIOSH/MSHA APPROVED DUST/MIST RESPIRATOR MAY BE WORN FOR PROTECTION UP TO 10 TIMES THE TLV.

Ventilation:LOCAL EXHAUST PREFERRED TO PREVENT DISPERSION OF CONTAMINANT INTO GENERAL WORK AREA.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:WEAR CLEAN BODY-COVERING CLOTHING. MAINTAIN EYE WASH FOUNTAIN & QUICK-DRENCH FACILITIES IN WORK AREA.

Work Hygienic Practices:DO NOT WEAR CONTACT LENSES WHILE WORKING WITH MATERIAL. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

SPILL PROC: WITH WATER, PROVIDING VENT TO CLEAR SULFUR DIOXIDE FUMES GENERATED FROM WATER CONTACT.

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

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Spec Gravity:2.6 @ 15.4C

Solubility in Water:13.9 GM/100 GM H*2O

Appearance and Odor:WHITE CRYSTALS, ODORLESS

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===== Stability and Reactivity Data =====
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Stability Indicator/Materials to Avoid:YES

ACIDS, STRONG OXIDIZERS

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:SULFUR OXIDES, SODIUM OXIDE, AND SODIUM SULFIDE RESIDUE AT HIGH TEMPERATURES

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

Waste Disposal Methods:DISPOSE WHAT CANNOT BE RECLAIMED IN AN APPROVED WASTE DISPOSAL FACILITY I/A/W LOCAL, STATE AND FEDERAL REGULATIONS.

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piling agencies):

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