

MALLINCKRODT INC, SCIENCE PRODUCTS DIV -- SODIUM BISULFITE -- 6810-00-241-1096

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Product Identification
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Product ID:SODIUM BISULFITE

MSDS Date:01/21/1986

FSC:6810

NIIN:00-241-1096

MSDS Number: BMTWS

=== Responsible Party ===

Company Name:MALLINCKRODT INC, SCIENCE PRODUCTS DIV

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Info Phone Num:606-987-7000

Emergency Phone N

um:314-982-5000

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

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Composition/Information on Ingredients
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Ingred Name:SODIUM BISULFITE (SASA III) *

CAS:7631-90-5

RTECS #:VZ2000000

Fraction by Wt: 100%

OSHA PEL:5 MG/M3 *

ACGIH TLV:5 MG/M3; 9192 *

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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ards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT)= 2000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE-INHALE:DUST MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION.ORAL:MAY CAUSE GASTRIC IRRITATION BY LIBERATION OF SULFUROUS ACID.LARGE DOSES MAY CAUSE DIARRHEA,CIRCULATORY DISTURBANCES & CNS DEPRESSIO N.ESTIMATED FATAL DOSE IS 10 G.SKIN:MAYCAUSE IRRITA

TION.EYE:IRRITATION,REDNESS & PAIN. CHRONIC-NONE KNOWN.

Effects of Overexposure:DUST MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION. ORALLY MAY CAUSE GASTRIC IRRITATION BY LIBERATION OF SULFUROUS ACID. LARGE DOSES MAY CAUSE DIARRHEA, CIRCULATORY DISTURBANCES & CNS DEPRESSION. ESTIMATED FATAL DOSE IS 10 G. MAY CAUSE SKINIRRITATION. MAY CAUSE EYE IRRITATION, REDNESS & PAIN.

Medical Cond Aggravated by Exposure:SOME INDIVIDUALS ARE SAID TO BE DANGEROUSLY SENSITIVE TO MINUTE AMOUNTS OF SULFITES IN FOODS.

SYMPTOMS: SHOCK, GASTROINTESTINAL DISTURBANCES, FLUSHING & TINGLING SENSATION.

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

First Aid:GET MEDICAL ATTENTION PROMPTLY.EYE/SKIN:IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.HOLD EYELIDS OPEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.ORAL:IF CONSCIOUS,INDUCE VOMIT ING BY DRINKING TWO GLASSES OF WATER/MILK & STICKING FINGER DOWN THROAT.CALL A PHYSICIAN IMMEDIATELY.NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CO2, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Ex

losion Hazard:NOT CONSIDERED TO BE A FIRE OR EXPLOSION
HAZARD.

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

Spill Release Procedures:EVACUATE AREA. WEAR PROTECTIVE EQUIPMENTS.
VENTILATE AREA. SWEEP UP, PLACE IN A METAL CONTAINER FOR
RECLAMATION OR DISPOSAL. AVOID RAISING DUST. WASH SPILL SITE AFTER
MATERIAL PICKUP IS COMPLETE. REPO RTABLE QUANTITY (RQ) IS 5000 LBS.

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

Handling and Storage

Precautions:STORAGE-STORE IN COOL, DRY, VENTILATED
AREA AWAY FROM HEAT, MOISTURE & INCOMPATIBLES.
Other Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER. PROTECT FROM
PHYSICAL DAMAGE. DO NOT GET IN EYS, ON SKIN OR ON CLOTHING. WASH
THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO
CONTROL VAPOR CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A
NIOSH-APPROVED DUST RESPIRATOR SHOU
LD BE WORN.
Ventilation:PROVIDE LOCAL EXHAUST VENTILATION AND GENERAL DILUTION
VENTILATION TO BRING BELOW TLV.
Protective Gloves:RUBBER GLOVES
Eye Protection:DUST RESISTANT GOGGLES.
Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND
IMPERVIOUS CLOTHING
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.
Supplemental Safety and Health

===== Physical/Chemical Prop
erties =====

HCC:N1
NRC/State Lic Num:NOT RELEVANT
Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES
Decomp Temp:>150.C, 302.F
Spec Gravity:1.48
Solubility in Water:VERY SOLUBLE
Appearance and Odor:WHITE TO YELLOW WHITE CRYSTALLINE GRANULES - SLIGHT
SULFUR DIOXIDE ODOR
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:NO
REACTS WITH ALUMINUM, STRONG ACIDS & OXIDIZERS.
Stability Condition to Avoid:STR

ENGTH DIMINISHES SOMEWHAT WITH AGE.

GRADUALLY DECOMPOSES IN AIR TO SULFATE, GENERATING SULFUROUS ACID GAS.

Hazardous Decomposition Products:TOXIC OXIDES OF SULFUR & TOXIC SODIUM OXIDES.

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

Waste Disposal Methods:COMPLY WITH FEDERAL, STATE & LOCAL REGULATIONS

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