

BARTLETT CHEMICALS -- SODIUM BISULFITE,TECHNICAL -- 6810-01-359-4918

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Product Identification
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Product ID:SODIUM BISULFITE,TECHNICAL

MSDS Date:05/20/1993

FSC:6810

NIIN:01-359-4918

MSDS Number: BSDCG

=== Responsible Party ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Info Phone Num:504-734-1971

Emergency Phone Num:504-734-1971/800-424-9300(CHEMTREC)

CAGE:1V771

=== Contractor Identification ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504-734-1971

CAGE:1V771

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Composition/Information on Ingredients
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Ingred Name:SODIUM METABISULFITE/SODIUM BISULFITE

CAS:7681-57-4

RTECS #:UX8225000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9293

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Hazards Identification
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LD50 LC50 Mixture:TLV IS 5 MG/M3 (RTECS).

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

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

Health Hazards Acute and Chronic:ACUTE- EYES:DUST/MIST MAY

IRRITATE/BURN. SKIN:REPEATED/PROLONGED CONTACT WITH DUST/MIST MAY CAUSE IRRITATION. INHALATION:DUST/MIST MAY CAUSE RESPIRATORY TRACT IRRITATION. ORAL:MAY CAUSE GI IRRITATION. VERY LARGE DOSES MAY CAUSE DEPRESSION & DEATH. CHRONIC- UNKNOWN. TARGET ORGANS:EYES, SKIN,

LUNGS, GI TRACT.

Effects of Overexposure:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION AND BURNS

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

First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:I F CONSCIOUS, DRINK PLENTY OF WATER OR MILK. INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:MAY FORM SODIUM SULFIDE WHICH IS AN EXPLOSIVE HAZARD AND STRONGLY ALKALINE IN CONTACT WITH WATER.

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

Spill Release Procedures:VACUUM OR SWEEP UP SPILLAGE. AVOID CREATING DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL. VENTILATE AREA AND CAUTIOUSLY SPRAY RESIDUE WITH PLENTY OF WATER. AVOID BREATHING SULFUR DIOXIDE GAS WHICH WILL BE GENERATED DUE TO WATER.

Neutralizing Agent:ALKALI

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

Handling and Storage Precau

tions:STORE IN COOL, DRY, WELL-VENTILATED
PLACE AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:DO NOT RAISE DUST. AVOID CONTACT WITH EYES AND SKIN.
AVOID INHALATION OF DUST OR MIST. WASH THOROUGHLY AFTER HANDLING
MATERIAL. KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM WATER AND
ACIDS.

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

Respiratory Protection:IF WORKING IN A CONFINED AREA OR IF ENGINEERING
CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS
BELOW TLV, USE
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR
RESPIRATOR, OPERATED I N POSITIVE PRESSURE MODE.

Ventilation:LOCAL EXHAUST

Protective Gloves:COTTON

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION, HARD HAT, FULL WORK
CLOTHING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTACT LENSES.

Supplemental Safety and Health

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===== Physical/Chemical

Properties =====

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Decomp Temp:Decomp Text:>302F,>150C

Spec Gravity:1.48

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:39% @ 61F (16C)

Appearance and Odor:FINE, WHITE GRANULAR - PUNGENT SULFUR DIOXIDE GAS
ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, ACIDS, WATER

Stability Condition to Avoid:TEMPERATURES ABOVE 150C (302F) AND

MOISTURE

Hazardous Decomposition Products: SULFUR DIOXIDE GAS, SODIUM SULFIDE
RESIDUE

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

Waste Disposal Methods: NEUTRALIZE WITH ALKALI AND FLUSH TO SEWER WITH
PLENTY OF WATER IF PERMITTED. GOOD VENTILATION IS REQUIRED DURING
NEUTRALIZATION DUE TO RELEASE OF SO₂ GAS. OXIDATION TO SODIUM
SULFATE USING HYDROGEN PEROXIDE MAY BE REQUIRED. OBSERVE ALL
REGULATIONS.

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