

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

===== Product Identification =====

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

===== Composition/Information on Ingredients =====

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

===== 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 CONT ACT 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 D IOXIDE 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.

===== 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

===== 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

===== 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 SO<sub>2</sub> GAS. OXIDATION TO SODIUM  
SULFATE USING HYDROGEN PEROXIDE MAY BE REQUIRED. OBSERVE ALL  
REGULATIONS.

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