

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 =====

==

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.

Disclaimer (provided with this information by  
the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.