

SYNCHEM/CHIPPENHAM -- SODIUM META-BISULFITE -- 6810-01-359-4918

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

Product ID:SODIUM META-BISULFITE

MSDS Date:03/11/1993

FSC:6810

NIIN:01-359-4918

MSDS Number: BTNBR

=== Responsible Party ===

Company Name:SYNCHEM/CHIPPENHAM

Address:800WILCREST DRIVE, SUITE 220

City:HOUSTON

State:TX

ZIP:77042

Country:US

Info Phone Num:713-8967/713-974-1104/713-827-1134

Emergency Pho

ne Num:CHEMTREC 800-424-3900

CAGE:0ZAU5

=== Contractor Identification ===

Company Name:DYNATECH SCIENTIFIC INC

Address:1401 27TH ST

Box:640164

City:KENNER

State:LA

ZIP:70064

Country:US

Phone:504-465-9604

CAGE:0VL27

Company Name:SYNCHEM/CHIPPENHAM

Address:800WILCREST DRIVE, SUITE 220

Box:City:HOUSTON

State:TX

ZIP:77042

Country:US

Phone:713-8967/713-974-1104/713-827-

CAGE:0ZAU5

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

Ingred Name:SODIUM METABISULFITE

CAS:7681-57-4

RTE

CS #:UX8225000  
Fraction by Wt: 90-100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3; 9394

=====  
===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (INTRAVENIOUS RAT) IS 115 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALED:IRRITATION OF RESPIRATORY TRACT, MUCOUS MEMBRANES. SKIN:IRRITATION. EYE:IRRITATION. SKIN ABSORPTION:  
NONE IDENTIFIED. INGESTED:G/I IRRITATION, ALLERGIC REACTION MAY DEVELOP. MAY BE FATAL. CHRONIC\*NO EFFECTS IDENTIFIED.  
Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY NTP, IARC, OR OSHA  
Effects of Overexposure:INHALED:IRRITATION OF RESPIRATORY TRACT, MUCOUS MEMBRANES. SKIN:IRRITATION. EYE:IRRITATION. SKIN ABSORPTION:NONE IDENTIFIED. INGESTED:G/I IRRITATION, ALLERGIC REACTION MAY DEVELOP. MAY BE FATAL. CHRONIC\*NO EFFECTS IDENTIFIED.  
Medical Cond Aggravated by Exposure:ASTHMA

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

First Aid:INGESTION:IF SWALLOWED,IMMEDIATELY INDUCE VOMITING.  
INHALED:MOVE THE EXPOSED PERSON TO FRESH AIR. SKIN:IMMEDIATELY WASH WITH PLENTY OF SOAP & WATER FOR AT LEAST 15 MINUTES.  
EYE:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

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

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.  
Unusual Fire/Explosion Hazard:DECOMPOSES AT MELTING POINT

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. SWEEP UP AND REMOVE.  
Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

=====  
===== Han

Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED.  
SUITABLE FOR GENERAL CHEMICAL STORAGE AREA. ISOLATE FROM  
INCOMPATIBLE MATERIALS.

Other Precautions:NONE

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION  
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A  
DUST/MIST RESPIRATOR IS RECOMMENDED. IF CONCENTRATIONS EXCEED THE  
CAPACITY O

F THE RESPIRATOR, AN SCB A IS RECOMMENDED.

Ventilation:USE GENERAL OR LOCAL EXHAUST TO MEET TLV REQUIREMENTS.

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:NO INFORMATION GIVEN ON MSDS BY MFR.

Work Hygienic Practices:MFR: ? HMIS:USE GOOD CHEMICAL HYGIENE  
PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING  
OR DRINKING.

Supplemental Safety and Health

NONE

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

HCC:N1

NRC/St

ate Lic Num:NONE

Melt/Freeze Pt:M.P/F.P Text:302F,150C

Spec Gravity:1.48

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE CRYSTALS, SULFURDIOXIDE ODOR

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, MOST COMMON METALS.

Stability Condition to Avoid:HEAT, MOISTURE.

Hazardous Decomposition Products:OXIDES OF SULFUR

Conditions to Avoid Polymerization:WILL NOT

OCCUR

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

Waste Disposal Methods:DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE & LOCAL ENVIRONMENTAL 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.