

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 Phon

e 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

RTEC

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

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===== 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:N  
ONE 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 Condition Aggravated by Exposure:ASTHMA

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===== 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.

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===== 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

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

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

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===== Hand

ling 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 OF

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/Sta

te 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.

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