

GENERAL CHEMICAL CORPORATION -- SODIUM METABISULFITE -- 6810-00-281-4255

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Product Identification  
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Product ID:SODIUM METABISULFITE

MSDS Date:05/01/1988

FSC:6810

NIIN:00-281-4255

MSDS Number: BGTMM

=== Responsible Party ===

Company Name:GENERAL CHEMICAL CORPORATION

Address:90 EAST HALSEY ROAD

City:PARSIPPANY

State:NJ

ZIP:07054-0389

Info Phone Num:201-515-1840 (MGR. PRODUCT SAFETY)

Emergenc

y Phone Num:800-631-8050

CAGE:0AU44

=== Contractor Identification ===

Company Name:GENERAL CHEMICAL CORPORATION

Address:90 EAST HALSEY ROAD

Box:City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Phone:973-515-1840

CAGE:0AU44

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Composition/Information on Ingredients  
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Ingred Name:SODIUM METABISULFITE

CAS:7681-57-4

RTECS #:UX8225000

Fraction by Wt: 100%

Other REC Limits:NONE

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9192

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SEE SIGNS & SYMPTOMS OF OVEREXPOSURE.  
Effects of

Overexposure:EYES:IRRITATION,BURNS;SKIN:IRRITATION;INHALATION:IRRITATION OF RESPIRATORY TRACT;INGESTION:IRRITATION OF GASTROINTESTINAL TRACT.VERY LARGE DOSES CAUSE VIOLENT COLIC,DIARRHEA,DEPRESSION AND DEATH.MAY CAUSE SEVERE ALLERGIC REACTION IN SOME ASTHMATICS AND SULFI

TE SENSITIVE INDIVIDUALS.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF RESPIRATORY DISEASE.MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER.SEE DOCTOR;SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES.WASH WITH SOAP AND WATER.SEE DOCTOR;INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR;INGESTION :INDUCE VOMIT.GIVE LARGE QUANTITIES OF WATER OR MI

WALK IF CONSCIOUS.NOTHING BY MOUTH IF UNCONSCIOUS.SEE DOCTOR.

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

Extinguishing Media:APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR NIOSH-APPROVED SCBA.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:SWEEP UP WITH MINIMUM DUSTING AND SHOVEL INTO AN EMPTY CONTAINER AND CLOSE.CAUTIONOUSLY SPRAY RESIDUE WITH PLENTY OF WATER.VENT

WALK AWAY TO CLEAR SO<sub>2</sub> FUMES.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED PLACE,AWAY FROM HEAT,WATER,ACIDS AND OXIDIZING AGENTS.

Other Precautions:NONE.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR FOR DUST,MIST AND/OR SULFUR DIOXIDE GAS,AS CONDITIONS INDICATE. SOME EXPOSURES MAY REQUIRE NIOSH-APPROVED SCBA OR SUPPLIE

D AIR RESPIRATOR.

Ventilation:LOCAL EXHAUST IF DUSTY OR MISTY CONDITIONS PREVAILS.THE TLV MAY BE EXCEEDED WITHOUT VISUAL WARNING.

Protective Gloves:COTTON FOR SOLIDS,RUBBER FOR SOLUTIONS.

Eye Protection:GOGGLES.(DO NOT WEAR CONTACT LENSES).

Other Protective Equipment:PROTECTIVE CLOTHING AS NEEDED TO PREVENT PROLONGED/REPEATED SKIN CONTACT,EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES,SKIN AND CLOTHING.WASH THOROUGHLY AFTER HANDLING.LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PRODUCT RELEASES SULFUR DIOXIDE GAS SLOWLY AT AMBIENT TEMPERATURES.AVOID BREATHING DUST OR MIST.

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

HCC:C1

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Spec Gravity:1.48

pH:4.3

Solubility in Water:39%

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

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

Stability Indicator

Materials to Avoid:YES

OXIDIZERS,ACIDS,WATER.

Stability Condition to Avoid:TEMPERATURES ABOVE 302F(150C) CAUSE EVOLUTION OF TOXIC AND CORROSIVE SULFUR DIOXIDE.

Hazardous Decomposition Products:SULFUR DIOXIDE GAS,SODIUM SULFIDE RESIDUE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies

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