

FISHER SCIENTIFIC CHEMICAL DIVISION -- SODIUM SULFITE, S430500 -- 6810-00-043-0783
===== Product Identification =====

Product ID:SODIUM SULFITE, S430500

MSDS Date:01/04/1991

FSC:6810

NIIN:00-043-0783

MSDS Number: BJSCY

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CHEMICAL DIVISION

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency

Phone Num:201-796-7100, 800-424-9300

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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

Ingred Name:SODIUM SULFITE

CAS:7757-83-7

RTECS #:WE2150000

Fraction by Wt: 100%

Ingred Name:1ST AID PROC:EYE:WASH EYES W/LARGE AMNTS OF WTR OR NORMAL
SALINE,OCCASIONALLY LIFTING UPPE

R & LOWER LIDS,UNTIL NO(ING 3)
RTECS #:9999999ZZ

Ingred Name:EVIDENCE OF CHEM REMAINS (APPROX 15-20 MIN).GET MD
IMMED.INGEST:TREAT SYMPTOMATICALLY & SUPPORTIVELY.GET MD IMME.(ING
4)
RTECS #:9999999ZZ

Ingred Name:IF VOMITING OCCURS,KEEP HEAD LOWER THAN HIPS TO PREVENT
ASPIRATION.SUP DATA:SULFITES MAY CAUSE WHEEZING,SHORTNESS(ING 5)
RTECS #:9999999ZZ

Ingred Name:OF BREATH, UNCON & ANAPHYLAXIS.SIGNS & SYMPTOMS MAY INCLUDE
GEN FLUSHING & ITCHING & RESPIRATORY ARREST.THE ESTIM(ING
6)
RTECS #:9999999ZZ

Ingred Name:HUMAN LETHAL DOSE IS 10 GRAMS.IN ANIMALS,LGE DOSES HAVE
CAUSED VIOLENT COLIC & DIARRHEA,CIRCULATORY DISTURBANCES,(ING 7)
RTECS #:9999999ZZ

Ingred Name:CNS DEPRESSION & DEATH. CHRONIC: RPTD INGEST OF FOOD
CONTAINING SULFITES MAY CAUSE SENSITIZATION.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:LD50: IV:115 MG/KG (RAT), 130 (MOUSE)

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports

of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL:SENSITIZER. ACUTE:MAY CAUSE MUC
MEMB IRRIT. MAY CAUSE ADVERSE RXNS INCLUDING BRONCHOSPASMS IN
SUSCEPTIBLE INDIVIDUALS, ESPECIALLY ASTHMATICS. SYMPTOMS MAY
INCLUDE FLUSHING, SEV WHEEZING, SWELLIN G OF THROAT, AND PALATAL
AND GENERALIZED ITCHING. CHRONIC: RPTD/PRLNGD EXPOS MAY CAUSE
SENSIT. (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: SKIN:

ACUTE:DIRECT CONT MAY CAUSE

IRRIT & CONT DERMAT. SOME SULFITES MAY CAUSE SENSIT DERMAT IN
PREVIOUSLY EXPOSED INDIVIDUALS. CHRONIC:RPTD/PRLNGD EXPOS MAY CAUSE
CONT DERMAT. RPTD EXPOS TO SULFITES MAY RESULT IN SENSIT. EYE:
ACUTE:DIRECT CONT MAY CAUSE IRRIT & REDNESS. (SEE SUPP DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE FROM EXPOSURE AREA TO FRESH AIR IMMED. I

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BREATHING HAS STOPPED, PERFORM ARTF RESP. KEEP PERSON WARM AND AT REST. TREAT SYMPTOMATICALLY AND SUPPORTIVELY. GET MD IMMED.
SKIN:REMOVE CONTAMD CLTHG & SHOES IMMED. WASH AFFECTED AREA W/SOAP OR MILD DETERGENT & LARGE AMTS OF WATER UNTIL NO EVIDENCE OF CHEM REMAINS (APPROX 15-20 MIN). GET MD IMMED. (SEE INGRED 2)

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

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR FOAM.
FOR LARGER FIRE

S:USE WATER SPRAY, FOG OR ALCOHOL FOAM.

Fire Fighting Procedures:NIOSH/MSHA APPRVD BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN PRESS-DEMAND OR OTHER POSITIVE PRESS MODE.
MOVE CNTNR FROM FIRE AREA IF POSS. (SEE SUPP DATA)

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

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

Spill Release Procedures:SWEEP UP AND PLACE IN SUITABLE CLEAN, DRY CONTAINERS FOR RECLAMATION OR LATER DISPOSAL. DO NOT FLUSH SPILLED

MATERIAL INTO SEWER. KEEP UNNECESSARY PEOPLE AWAY.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NIOSH/MSHA APPRVD FULL FACEPIECE RESP:AIR PURIFYING OR POWERED AIR PURIFYING WITH HEPA FILTERS; TYPE C, SUPPLIED AIR OPERATED IN PRESSURE DEMAND MODE.

Ventilation:PROVIDE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION SYSTEM.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:EMPLOYER SHOULD PROVIDE AN EYEWASH FOUNTAIN WITHIN IMMEDIATE WORK AREA FOR EMERGENCY USE. IMPERVIOUS CLOTHING & EQUIP.

Work Hygienic Practices:WASH HANDS FREQUENTLY AND THOROUGHLY DURING CONTACT WITH MATERIAL AND AT E

END OF WORKDAY .

Supplemental Safety and Health

FIRE FIGHT PROC:DO NOT SCATTER SPILLED MATL W/MORE WATER THAN NEEDED FOR FIRE CTL. DIKE FIRE CTL WATER FOR LATER DISP. AVOID HAZ VAPS, KEEP UPWIND. EFTS OF OVEREXP: INGEST: ACUTE: MAY CAUSE GI IRRIT W /ABDOM PAIN, NAUS, VOMIT & DIARR. IN SUSCEPTIBLE INDIV, ESP ASTHMATICS, (SEE INGRED 5)

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

Boiling Pt:B.P. Text:DECOMPOSES

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

Spec Gr

avity:2.633

pH:9.0

Solubility in Water:12.5% @ O C

Appearance and Odor:ODORLESS, WHITE CRYSTALS OR POWDER WITH A SALINE, SULFUROUS TASTE.

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

Stability Indicator/Materials to Avoid:YES

SODIUM SULFITE:MINERAL ACIDS (STRONG):REACTS TO FORM SULFUR DIOXIDE.

Stability Condition to Avoid:NONE REPORTED.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE TOXIC OXIDES OF SULFUR AND TOXIC SODIUM OXIDE.

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

Waste Disposal Methods:OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS WHEN STORING OR DISPOSING OF THIS SUBSTANCE. FOR ASSISTANCE, CONTACT THE DISTRICT DIRECTOR OF THE ENVIRONMENTAL PROTECTION AGENCY.

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