

FISHER SCIENTIFIC -- SODIUM SULFITE, S430500 -- 6810-00-043-0783

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

Product ID:SODIUM SULFITE, S430500

MSDS Date:12/30/1992

FSC:6810

NIIN:00-043-0783

MSDS Number: CDWZC

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:800-424-9300(CHEMTREC)

CA

GE: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: 100.0%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:SUPDAT:HUMAN LETHAL DOSE IS 10 GRAMS IN ANIMALS, LRG DOSES
HAVE CAUSED VIOLENT COLIC & DIARR, CIRCU

LATORY (ING 3)
RTECS #:9999999ZZ

Ingr Name:ING 2:DISTURB, CNS DEPRESS & DEATH.
CHRONIC:INHAL:RPTD/PRLNG EXPOS MAY CAUSE SENSIT. RATS EXPOS TO
AEROSOL CONC (ING 4)
RTECS #:9999999ZZ

Ingr Name:ING 3:OF 0.1 TO 15 MG/M3 FOR 3 DAYS CAUSED MILD PULM EDEMA.
SKIN:RPTD/PRLNG EXPOS MAY CAUSE CNTCT DERM RPTD (ING 5)
RTECS #:9999999ZZ

Ingr Name:ING 4:EXPOS TO SULFITES MAY RSLT IN SENSIT. INGEST:RPTD
INGEST OF FOOD CONTAINING SULFITES MAY CAUSE SENSIT. (ING 6)
RTECS #:9999999ZZ

Ingr
ed Name:ING 5:REPRODUCTIVE EFFECTS HAVE BEEN REPORTED IN ANIMALS.
RTECS #:9999999ZZ

Ingr Name:FIRST AID PROC:SALINE, OCCASIONALLY LIFTING UPPER & LOWER
LIDS. UNTIL NO EVID OF CHEM REMAINS (APPROX 15 TO 20 (ING 8)
RTECS #:9999999ZZ

Ingr Name:ING 7:MIN). GET MED ATTN IMMED. INGEST:TREAT
SYMPTOMATICALLY & SUPPORTIVELY GET MED ATTN IMMED. IF VOMIT OCCURS,
(ING 9)
RTECS #:9999999ZZ

Ingr Name:ING 8:KEEP HEAD LOWER THAN HIPS TO PVNT ASPIR. ANTIDOTE:NO
SPECIFIC ANTIDOTE. TREAT S
YMPTOMATICALLY & (ING 10)
RTECS #:9999999ZZ

Ingr Name:ING 9:SUPPORTIVELY. TOXICITY: ACUTE TOXICITY: LEVEL
MODERATELY TOXIC BY INGESTION. TARGET EFFECTS: SENSITIZER, (ING 11)
RTECS #:9999999ZZ

Ingr Name:ING 10:RESPIRATORY, ORAL. AT INCREASED RISK FROM EXPOSURE:
PERSONS WITH ASTHMA.
RTECS #:9999999ZZ

Ingr Name:RESP PROT:ON SPECIFIC OPERATION, MUST NOT EXCEED WORKING
LIMS OF RESP & MUST BE APPRVD BY NIOSH. (ING 13)
RTECS #:9999999ZZ

Ingr Name:ING 12:ANY TYPE 'C' SUPPLIED-AIR

RESP W/FULL FACEPIECE
OPERATED IN PRESS-DEMAND/OTHER POS PRESS MODE/W/FULL (ING 14)
RTECS #:9999999ZZ

Inged Name:ING 13:FACEPIECE, HELMET/HOOD OPERATED IN CONTINUOUS-FLOW
MODE. ANY SCBA APPARATUS W/FULL FACEPIECE OPERATED IN (ING 15)
RTECS #:9999999ZZ

Inged Name:ING 14:PRESS-DEMAND/OTHER POS PRESS MODE. FOR FIREFIGHTING
& OTHER IMMEDIATELY DANGEROUS TO LIFE/HLTH CNDTNS: (ING 16)
RTECS #:9999999ZZ

Inged Name:ING 15:ANY SCBA THAT HAS A FULL FACEPIECE & IS OPERATED IN
A PRESS
-DEMAND/OTHER POS-PRESS MODE. ANY SUPPLIED-AIR(ING 17)
RTECS #:9999999ZZ

Inged Name:ING 16:RESP THAT HAS A FULL FACEPIECE & IS OPERATED IN A
PRESS-DEMAND/OTHER POS PRESS MODE IN COMBINATION (ING 18)
RTECS #:9999999ZZ

Inged Name:ING 17:WITH AN AUXILIARY SCBA OPERATED IN PRESSURE-DEMAND
OR OTHER POSITIVE-PRESSURE MODE.
RTECS #:9999999ZZ

Inged Name:OTHER PROT EQUIP:TO PREVENT REPEATED OR PROLONGED SKIN
CONTACT WITH THIS SUBSTANCE.
RTECS #:9999999ZZ

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Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHAL:EXPOS MAY CAUSE MUC MEMB
IRRIT. INHAL OF THIS MATL MAY CAUSE ADVERSE RXNS INCL BRONCHOSPASMS
IN SUSCEPTIBLE INDIVIDUALS, ESP ASTHMATICS. SYMPS MAY INCL
FLUSHING, SEV WHEEZING, SWELL OF THR OAT, & PALATAL & GENERALIZED
ITCHING. SKIN:EXPOS-DI

RECT CONTACT MAY CAUSE IRRIT & CNTCT DERM.

MAY CAUSE(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:ITCHING & BURNING. SOME SULFITES MAY CAUSE SENSIT DERM IN PREVIOUSLY EXPOSED INDIVIDUALS. EYE:DIRECT CNTCT MAY CAUSE IRRIT, REDNESS, ITCHING & BURNING. INGEST:MAY CAUSE GI IRRIT W/ABDOM PAIN. NAUS, VOMIT & DIARR IN SUSCEPTIBLE INDIVIDUALS, PARTICULARLY ASTHMATIC, SULFITES MAY CAUSE WHEEZING, SHORTNESS (SUPDAT)

Medical Cond Ag

gravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE FROM EXPOS AREA TO FRESH AIR IMMED IF BRTHG HAS STOPPED, PERFORM ARTF RESP. KEEP PERSON WARM & AT REST TREAT SYMPTOMATICALLY & SUPPORTIVELY GET MED ATTN IMMED. SKIN:REMOVE CONTAMD CLTHG & SHOES IMMED. WASH AFFECTED AREA W/SOAP/MILD DETERGENT & LRG AMTS OF H*2O UNTIL NO EVID OF CHEM REMAINS (APPROX 15-20 MIN). GET MED ATTN IMMED. EYE:WASH IMMED W/LARGE AMTS OF H*2O/NORMAL (ING 7)

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

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR REGULAR FOAM. FOR LARGE FIRES, USE WATER SPRAY, FOG OR REGULAR FOAM.

Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP . MOVE CNTNR FROM FIRE AREA IF YOU CAN DO IT W/OUT RISK. DO NOT SCATTER SPILLED MATL W/HIGH-PRESS WATER (SUPDAT)

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 IN A WELL-VENTILATED AREA. STORE

IN A TIGHTLY CLOSED CONTAINER. DO NOT STORE ABOVE 55 F (12 C).

STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:FOLLOWING RESP ARE REC BASED ON INFO FOUND IN PHYSICAL DATA, TOX & HLTH EFTS SECTIONS. THEY ARE RANKED IN ORDER FROM MIN TO MAX RESP PROT. SPECIFIC RESP SELECTED MUST BE BASED ON CONTAM LEVELS FOUND I N WORK PLACE, MUST BE BASED (ING 11

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Ventilation:PROVIDE LOCAL EXHAUST VENTILATION SYSTEM.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:ANSI APPRVD EMER EYE WASH & DELUGE SHOWER .

EMPLOYEE MUST WEAR APPROP PROT (IMPERVIOUS) CLTHNG & EQUIP (ING 19)

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MP:DECOMPOSES @ RED HEAT. FIRE FIGHT PROC:SPRAY. DIKE FIRE CONTROL WATER FOR LATER DISPOSAL. USE AGENTS SUITABLE FOR TYPE

OF

SURROUNDING FIRE. AVOID BRTHG HAZ VAP, KEEP UPWIND. EFTS OF OVEREXP:OF BRTH , UNCONSCIOUSNESS & ANAPHYLAXIS SIGNS &SYMP MAY INCL GENERALIZED FLUSHING & ITCHING & RESP ARREST EST (ING 2)

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

Boiling Pt:B.P. Text:212F,100C

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

Spec Gravity:2.633 @ 15C

pH:9.0

Solubility in Water:125% @ 20C

Appearance and Odor:WHITE TO TAN CRYSTALS OR POWDER WITH A SALINE

===== Stability and

Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

MINERAL ACIDS (STRONG):REACTS TO FORM SULFUR DIOXIDE. OXIDIZING MATERIAL:INCOMPATIBLE.

Stability Condition to Avoid:NONE REPORTED.

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE TOXIC AND HAZARDOUS OXIDES OF SULFUR AND SODIUM OXIDE.

===== 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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