

INDUSTRIAL CHEMICALS INC -- SODIUM SULFITE, ANHYDROUS -- 6810-00-264-9020

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

Product ID: SODIUM SULFITE, ANHYDROUS

MSDS Date: 01/17/1995

FSC: 6810

NIIN: 00-264-9020

MSDS Number: BZPGF

==== Responsible Party ====

Company Name: INDUSTRIAL CHEMICALS INC

Address: 2540 BELLWOOD RD

Box: 34365

City: RICHMOND

State: VA

ZIP: 23234

Country: US

Info Phone Num: 804-275-9292/FAX 804-275-6366

Em

ergency Phone Num: 804-275-9292/800-424-9300 (CHEMTREC)

CAGE: 8K073

==== Contractor Identification ====

Company Name: INDUSTRIAL CHEMICALS INC

Address: 2540 BELLWOOD RD

Box: 34365

City: RICHMOND

State: VA

ZIP: 23234

Country: US

Phone: 804-275-9292

CAGE: 8K073

Company Name: SOLVA MINERALS, INC

Box: UNKNOWN

CAGE: NO741

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

Ingred Name: SODIUM SULFITE

CAS: 7757-83-7

RTECS #: WE2150000

Fraction by Wt: 99%

Other REC Limits: NONE RECOMMENDED

Ingred Name: SO

DIUM SULFATE
CAS:7757-82-6
RTECS #:WE1650000
Fraction by Wt: 1%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 ORAL, MOUSE: 820MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE MILD IRRIT.INHAL:MAY CAUSE
IRRIT.SULFITE-SENS INDIVIDUALS MAY EXPERIENCE SEVERE ALLERGIC
RX.EYE/SKIN:MAY CAUSE MILD IRRIT.ING
EST:ORAL EXPO/SWALLOW MAY
PRODUCE GASTROINTESTINAL UPSET,NAU,VOMI T.INGEST MAY BE
FATAL.SULFITE SENS INDIVIDUALS MAY EXPERIENCE SEVERE ALLERGIC
RX.CHRONIC:CAN CAUSE ALLERGIC RX(SUPPLEME)
Explanation of Carcinogenicity:PER MSDS:REGULATORY/CARCINOGENICITY
STATUS:NTP/IARC/OSHA:NONE.
Effects of Overexposure:SEVERE ALLERGIC REACTION FOR SULFITE-SENSITIVE
INDIVIDUALS. MILD EYE IRRIT. GI UPSET, NAUSEA, VOMITING, FATAL.
Medical Cond Aggravated by Exposure:BREATHING OF DUST MAY AGGRAV
ATE
ASTHMA OR OTHER PULMUNARY DISEASES.

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

First Aid:INHAL:REMOVE TO FRESH AIR.BREATH STOP/DIFFICULTY IN BREATH
ADMINISTER ART RESP. EYE:REMOVE CONTACT LENSES.GENTLY FLUSH
W/LUKEWARM WATER FOR 15MINS.IRRIT PERSISTS SEEK MED ATTN.
SKIN:REMOVE CONTAMIN CL OTHING.WIPE MATL FRM SKIN.RINSE AREA W/LG
AMTS OF WATER FOR 15MINS.IRRIT PERSISTS SEEK MED ATTN. INGEST:DO
NOT ATTEMPT TO GIVE ANYTHING BY MOUTH IF UNCONS
C.REMOVE MATL FRM
MOUTH.CONSC/ALERT GIVE(SUPP)

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

Flash Point:NON-COMBUSTIBLE
Autoignition Temp:Autoignition Temp Text:NA
Lower Limits:NON-FLAMM
Upper Limits:NON-FLAMM
Fire Fighting Procedures:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING
APPARATUS. USE WATER SPRAY TO KEEP CNTNRS COOL & TO KNOCK DOWN
FUMES.
Unusual Fire/Explosion Hazard:NON-COMBUSTIBLE. GENERATES HAZARDOUS SO2
DURING DECOMPOSITION.

=====

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

Spill Release Procedures: SHOVEL BACK INTO ORIGINAL DRY UNCONTAMIN CNTNR OR WASTE RECEPTACLE. FLUSH AREA W/WATER, CONTAIN RUNOFF, DISPOSE OF WASTE IAW APPLICABLE FED/STATE/LOC ENVIRONMENTAL LAWS/REGS.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: AVOID PROL/REP CONTACT W/SKIN/EYE. DO NOT WEAR CONTACT LENSES W/O PROPER EYE PROT WH EN USING PROD. AVOID PROL/REP BREATH OF DUST. PROTECT FROM PHY DMG.

Other Precautions: WASH EXPO AREAS PROMPTLY & WELL AFT SKIN CONTACT FROM WORKING W/PROD/BEF EAT/DRINK/USE TOBACCO PROD/USE RESTROOMS. USE VAC/WET MOP TO CLEAN UP DUST. KEEP IN CLSD PROPERLY LABELED CNTNR IN DRY AREA AWAY FROM ACIDS. DO NOT TAKE INTERNALLY. (SUPP)

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

Respiratory Protection: IN CASE OF SIGNIFICANT/ACCIDENTAL DUST EMISSIONS NIOSH/MSHA APPROVED RESP SHOULD BE WORN. IF SO₂ PRESENT USE NIOSH-APPROVED AIR SUPPLIED POSITIVE PRESSURE RESP OR ACID GAS CANISTER.

Ventilation: IN PLACES W/POSSIBILITY FOR CREATING DUST IN EXCESS OF EXPO LIMITS VENTILATION SHOULD BE PROVIDED.

Protective Gloves: COTTON FOR DRY PROD HNDLG, IMPERV FOR SOL

Eye Protection: CHEM SAF GOGG.

Other Protective Equipment: WEAR BOOTS, APRON, LONG SLEEVES, OTHER PROT CLOTH SUITABLE FOR USE CONDITIONS TO PREVENT SKIN CONTACT. EYEWASH FOR WORKAREA.

Work Hygiene

Practices: PERSONS W/ALLERGIC SYMPT SHOULD SEEK ADVICE FRM MED PERSONNEL AS WHETHER EXPO TO SUBSTANCE SHOULD BE CURTAILED/ELIMINATE

Supplemental Safety and Health

PH: 9.6-9.8 (1% SOLUTION). HEALTH HAZ: (HEADACHES, DIFFICULTY IN BREATHING, RAPID HEART RATE, ANAPHYLAXIS) TO SUSCEPTIBLE INDIVIDUALS AFT REP CONTACT. 1ST AID: 8-12 OZ OF WATER. SEEK MED ATTN. OTHER PRECAUT: SO DIUM SULFITE IS OXYGEN SCAVENGER WHEN INTRODUCED TO WATER.

===== Physical/Chemical Properties =

=====

HCC:N1

Boiling Pt:B.P. Text:NA

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

Decomp Temp:Decomp Text:1112F,600C

Vapor Pres:NOT LISTED

Vapor Density:NA

Spec Gravity:2.63 @20C

pH:SUPPLE

Viscosity:NOT LISTED

Evaporation Rate & Reference:NP

Solubility in Water:APPRECIABLE,21% @36C

Appearance and Odor:ODORLESS, FREE FLOWING WHITE CRYSTAL.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials

to Avoid:YES

COTNACT W/STRONG OXIDIZERS CAUSE VIGOROUS EXOTHERMIC REACTIONS.CONTACT
W/ACIDS WILL RELEASE SO2.

Stability Condition to Avoid:HIGH TEMPERATURES. MOISTURE.

Hazardous Decomposition Products:OXIDES OF SULFUR, SO2.

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

Waste Disposal Methods:DISPOSE OF IAW APPLICABLE LOCAL, STATE AND
FEDERAL ENVIRONMENTAL LAWS & REGULATIONS.RCRA WASTE#:NOT
LISTED.CERCLA RQ/SARA LISTING:NOT LISTED.

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.