

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

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Product Identification  
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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

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Composition/Information on Ingredients  
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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

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===== 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.

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===== 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)

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===== 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.

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==== 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 SO<sub>2</sub> 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 =

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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.

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