

SPECTRUM CHEMICAL MANUFACTURING CORP. -- SODIUM SULFIDE, ACS -- 6810-00-234-8378  
===== Product Identification =====

Product ID:SODIUM SULFIDE, ACS

MSDS Date:01/01/1992

FSC:6810

NIIN:00-234-8378

MSDS Number: BRGHL

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:714-864-2

310/213-516-8000

Emergency Phone Num:714-864-2310/213-516-8000

CAGE:63415

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:SPECTRUM LABORATORY PRODUCTS INC

Address:14422 S SAN PEDRO ST

Box:City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Phone:310-516-8000/FAX: 310-516-9843

CAGE:63415

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

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Ingred Name:SODIUM SULFIDE  
CAS:1313-82-2  
RTECS #:WE1910000  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (INTERPERITONEAL-MOUSE) 53 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION-MAY CAUSE SEVERE IRRITATION  
OF MUCOUS MEMBRANES, SORE THROAT, SHORTNESS OF BREATH. IF EXPOSED  
TO AIR, POISONING MAY OCCUR. LOW CONCENTRATIONS MAY CAUSE NAUSEA,  
VOMITING, DELIRIUM, UNCONSCIOUSNESS. HIGH CONCENTRATIONS: SUDDEN  
COLLAPSE, CONVULSION, & DEATH. SKIN-SEVERE IRRITATION & POSSIBLE  
BURNS.  
Explanation of Carcinogenicity:NOT CARCINOGENIC.  
Effects of Overexposure:CORROSIVE. SKIN-REDNESS, PAIN & POSSIBLY SKIN  
BURNS. EYES-REDNESS, PAIN, BLURRED VISION, CORNEAL BURNS MAY OCCUR.  
INGESTION-CORROSION OF GASTRIC MUCOSA WITH SORE THROAT, NAUSEA &  
VOMITING. CHRONIC: HE ADACHE, INSOMNIA, LOSS OF APPETITE, VOMITING.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION-REMOVE TO FRESH AIR. GIVE CPR IF NEEDED, OXYGEN IF  
AVAILABLE. SEEK MEDICAL ATTENTION. SKIN-WASH AREA WITH SOAP & WATER  
FOR 15 MIN COVER WITH DRY STERILE DRESSING, SEEK MEDICAL HELP.  
EYES-FLUSH WITH WATER OR NORMAL SALINE FOR 20 MIN. IN CASE OF  
BURNS COVER WITH DRY STERILE BANDAGE. GET HELP. INGESTION-GIVE  
WATER OR MILK TO DILUTE THE SUBSTANCE. GET IMMEDIATE MEDICAL HELP.

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

Flash Point:NONE  
Extinguishing Media:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.  
DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY, FOAM.  
Fire Fighting Procedures:MOVE CONTAINERS FROM AREA IF POSSIBLE. COOL  
CONTAINERS EXPOSED TO FIRE. FOR LARGE FIRES, USE UNMANNED HOSE OR  
MONITOR; IF POSSIBLE WITHDRAW & LEAVE

EY BURN. FLOOD.

Unusual Fire/Explosion Hazard:AVOID BREATHING DUST AND FUMES FROM BURNING MATERIAL. FORMS FLAMMABLE HYDROGEN SULFIDE GAS UPON CONTACT WITH AIR OR ACIDS.

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

Spill Release Procedures:TAKE UP WITH SAND OR OTHER ABSORBENT MATERIAL AND PLACE INTO CONTAINERS FOR LATER DISPOSAL.

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

Handling and Storage Precautions:STORE IN A DRY AREA.

Other Pr

ecautions:MAY BURN BUT DOES NOT IGNITE READILY. FLAMMABLE, POISONOUS GASES MAY ACCUMULATE IN TANKS. MAY IGNITE COMBUSTIBLES (WOOD, PAPER, OIL, ETC.).

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

Respiratory Protection:BASED UPON CONTAMINATION LEVELS IN THE WORK PLACE: FOR EXAMPLE A TYPE "C" RESPIRATOR WITH A FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND MODE.

Ventilation:LOCAL EXHAUST OR GENERAL DILUTION.

Protective Gloves:IMPERVIOUS.

Eye Protection:SPLA

SH-PROOF, DUST RESISTANT GOGGLES.

Other Protective Equipment:IMPERVIOUS.

Work Hygienic Practices:EYE WASH STATION & SAFETY SHOWER.

Supplemental Safety and Health

NONE

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

HCC:R1

Melt/Freeze Pt:=-50.C, 122.F

Spec Gravity:1.427

Solubility in Water:47.5% @ 10C

Appearance and Odor:WHITE TO YELLOW OR BRICK RED DELIQUESCENT TETRAGONAL CRYSTALS/FLAKES.

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

Stability In

icator/Materials to Avoid: YES

DIAZONIUM CHLORIDE SALTS, CARBON, ACIDS, ZINC, ALUMINUM, OXIDANTS.

Stability Condition to Avoid: OCCASIONALLY EXPLOSIVE BY FRICTION & QUICK HEATING. AVOID EXPOSING CRYSTALS TO AIR OR MOISTURE.

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

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

Waste Disposal Methods: CONTACT YOUR DISTRICT DIRECTOR OF THE EPA.

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