

CHEMICAL COMMODITIES AGENCY, INC. -- MOLYSULFIDE -- 9150-00-424-3224

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

Product ID:MOLYSULFIDE

MSDS Date:06/01/1994

FSC:9150

NIIN:00-424-3224

Kit Part:Y

MSDS Number: BXPTY

=== Responsible Party ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Info Phone Num:909-864-2310/FAX 6220 D. ANGE

LO

Emergency Phone Num:909-864-2310

Preparer's Name:C.A. EISENHARD

CAGE:60777

=== 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

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

Ingred Name:MOLYBDENUM

CAS:7439-98-7

RTECS #:QA4680000

Fraction by Wt: 48-61%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 PPM.

ACGIH TLV:10 PPM.

Ingred Nam

e:SULFUR
CAS:7704-34-9
RTECS #:WS4250000
Fraction by Wt: 35-40%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE
RESPIRATORY DISTRESS. SKIN OR EYE CONTACT MAY CAUSE IRRITATION. NO
DATA GIVEN FOR INGESTION. CHRONIC: PROLONGED OR REPEATED EXPOSURE
MAY CAUSE DERMAT
ITIS, AGGRAVATE CHRONIC LUNG DISEASES.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:INHALED-COUGHING, WHEEZONG, HORTNESS OF BREATH.
SKIN-IRRITATION, REDNESS, DISCOMFORT. EYES-BURNING, WATERING.
INGESTED-NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:CHRONIC LUNG DISEASE MAY BE
AGGRAVATED BY EXPOSURE TO FUMES.

=====
===== First Aid Me
asures =====

First Aid:REMOVE PATIENT FROM EXPOSED ATMOSPHERE. REMOVE CONTAMINATED
CLOTHES AND WASH SKIN WITH LOTS OF WATER. IF INGESTED & CONSCIOUS,
GIVE WATER & INDUCE VOMITING. TRANSPORT IMMEDIATELY TO MEDICAL
FACILITY. IF INHALED-REMOVE TO FRESH AIR AND ADMINISTER OXYGEN.
SEEK MEDICAL ATTENTION.

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

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: WATER
FOG, CARBON DIOXIDE
, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:MOLYBDENUM DISULFIDE WILL SUSTAIN
COMBUSTION.

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

Spill Release Procedures:SWEEP OR SHOVEL INTO CONTAINERS AND USE AS
ORIGINALLY INTENDED.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storag

e Precautions:AVOID DUSTS & FUMES FORM HEATED MATERIALS.EATING,DRINKING,& SMOKING SHOULD BE PROHIBITED IN WORK AREAS.AVOID CONTACT WITH EYES & MUCOUS MEMBRANES.
Other Precautions:WASH THOROUGHLY BEFORE EATNING, DRINKING, OR SMOKING. CONTAMINAED CLOTHES SHOULD BE REMOVED IMMEDIATELY. CARE SHOULD BE TAKEN TO PREVENT PROLONGED OR REPEATED CONTACT.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.13 4 AND MANUFACTURER'S RECOMMENDATIONS.
Ventilation:USE ADEQUATE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:GLOVES FOR ABRASION PROTECTION.
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.
Other Protective Equipment:COVERALLS.
Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health PART ONE OF TWO PART KIT. OTHER PART IS ISOPROPYL ALCOHOL.

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

HCC:V6
Appearance and Odor:BLACK, ODORLESS SOLID OR POWDER.

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardo
us Decomposition Products:NONE SPECIFIED BY MANUFACTURER.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:CONTAMINATED MOLYBDENUM COMPOUNDS SHOULD BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. MOLYBDENUM COMPOUNDS MAY BE RECYCLABLE COMPOUNDS.

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.