

AMAX INC. -- MOLYSULFIDE -- 6810-00-264-6715

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

Product ID:MOLYSULFIDE

MSDS Date:11/14/1985

FSC:6810

NIIN:00-264-6715

MSDS Number: BKQVF

=== Responsible Party ===

Company Name:AMAX INC.

Address:AMAX CENTER

Box:1700

City:GREENWICH

State:CT

ZIP:06836

Country:US

Info Phone Num:203-629-7112/203-629-6000

Emergency Phone Num:203-629-7112/203-629-6000

CAGE:LO001

=== Contr

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Company Name:AMAX INC

Address:AMAX CENTER

Box:1700

City:GREENWICH

State:CT

ZIP:06836

Country:US

Phone:203-629-6000, 203-629-7112

CAGE:02584

Company Name:AMAX INC.

Address:AMAX CENTER

Box:1700

City:GREENWICH

State:CT

ZIP:06836

Country:US

Phone:203-629-7112/203-629-6000

CAGE:LO001

Company Name:SANLO PRODUCTS CO

Address:100 ,MANHATTAN AVE SUITE 103

City:UNION CITY

State:NJ

ZIP:07087

Country:US

Phone:201-348-1684/800-424-9300(CHEMTREC)

CAGE:0K5U0

===== Composition/

Information on Ingredients =====

Ingred Name:SULFUR (AS MOLYBDENUM DISULFIDE)  
CAS:7704-34-9  
RTECS #:WS4250000  
Fraction by Wt: 40%  
Other REC Limits:NONE SPECIFIED

Ingred Name:MOLYBDENUM (AS MOLYBDENUM DISULFIDE)  
CAS:7439-98-7  
RTECS #:QA4680000  
Fraction by Wt: 59%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3; 9293

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- REFERENCES AVAILABLE AT THIS TIME DO NOT REPORT ILL HEALTH EFFECTS AS A RESULT OF EXPOSURE TO MOLYBDENUM DISULFIDE. CHRONIC-NOT GIVEN. EYES:MECHANICAL IRRITATION. INHALATION:EXPOSURE MAY BE SIMILAR TO NUISANCE DUST.  
Effects of Overexposure:IRRITATION.  
Medical Condition Aggravated by Exposure:CHRONIC RESPIRATORY DISEASE MAY BE AGGRAVATED BY EXPOSURE TO DUST.

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

First Aid:INHALATION:IF A PERSON BREATHES IN A LARGE AMOUNT OF DUST, REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.  
INGESTION:SEEK MEDICAL HELP.

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

Flash Point:NONE  
Extinguishing Media:DRY SAND OR DRY CHEMICAL.  
Fire Fighting Procedures:WEAR PROTECTIVE FIRE FIGHTING CLOTHING

LOTHING AND

SELF CONTAINED BREATHING EQUIPMENT.

Unusual Fire/Explosion Hazard:MAY DECOMPOSE IN FIRE RELEASING TOXIC  
SULFUR DIOXIDE AND CARBON MONOXIDE GASES.

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

Spill Release Procedures:CLEAN UP BY VACUUM OR WET SWEEPING TO MINIMIZE  
DUST EXPOSURE. PROVIDE CLEAN-UP EMPLOYEES WITH RESPIRATORS FOR  
DUSTY CONDITIONS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE-STORE IN A DRY PLACE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE DUST. AVOID  
MAKING DUST. AVOID CONTACT WITH EYES. USE WITH ADEQUATE  
VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE  
ONLY.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION  
EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:MECHANICAL (G  
ENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.

LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:NATURAL RUBBER

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.  
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.

Supplemental Safety and Health

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

HCC:N1

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

Decomp Temp:Decomp Text:2912F,1600C

Vapor Pres:0

Spec Gravity:4.80

Solubility in Water:INSOLUBLE

Appearance and Odor:BLUE-GRAY TO BLACK CRYSTALLINE POWDER, ODORLESS

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

Stability Indicator/Materials to Avoid:YES

HYDROGEN PEROXIDE

Stability Condition to Avoid:HIGH TEMPERATURES AND OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, SULFUR

DIOXIDE

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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