

CLIMAX METALS COMPANY - DIV OF AMAX INC -- MOLYSULFIDE -- 6810-00-264-6715

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Product Identification  
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Product ID:MOLYSULFIDE

MSDS Date:07/30/1991

FSC:6810

NIIN:00-264-6715

MSDS Number: BPXDF

=== Responsible Party ===

Company Name:CLIMAX METALS COMPANY - DIV OF AMAX INC

Address:1626 COLE BLVD

City:GOLDEN

State:CO

ZIP:80401-3292

Country:US

Info Phone Num:303-234-9020

Emergency Phone Num:303

-231-0320/800-424-9300(CHEMTREC)

CAGE:83443

=== Contractor Identification ===

Company Name:CLIMAX METALS COMPANY - DIV OF AMAX INC

Address:1626 COLE BLVD

Box:City:GOLDEN

State:CO

ZIP:80401-3292

Country:US

Phone:303-231-0320/800-424-9300(CHEMTREC)

CAGE:83443

Company Name:SANLO PRODUCTS CO

Address:100 MANHATTAN AVE SUITE 103

Box:City:UNION CITY

State:NJ

ZIP:07087

Country:US

Phone:201-348-1684

CAGE:0K500

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Composition/Information on Ingredients  
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Ingred Name:MOLYBDENUM D

ISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt: 99.0% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:SILICA, CRYSTALLINE - FUSED

CAS:60676-86-0

RTECS #:VV7328000

Fraction by Wt: 0.3% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE TABLE Z3

ACGIH TLV:0.1 MG/M3 RDUST;9293

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Repo

Routes of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:RESPIRATORY IRRITATION, EYE IRRITATION, CHRONIC OVEREXPOSURE TO SILICA MAY CAUSE PNEUMONOCONIOSIS, A LUNG DISEASE THAT MAY CAUSE SHORTNESS OF BREATH AND COUGHING.

Explanation of Carcinogenicity:SILICA IS CONSIDERED TO BE A PROBABLE HUMAN CARCINOGEN BY IARC PER MANUFACTURER.

Effects of Overexposure:RESPIRATORY IRRITATION, EYE IRRITATION, PNEUMONOCONIOSIS, SHORTNESS OF BREATH, COUGHING.

Medical

Conditions Aggravated by Exposure:CHRONIC RESPIRATORY DISEASE MAY BE AGGRAVATED BY EXPOSURE TO DUST.

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

First Aid:IF IRRITATION OF THE EYES, NOSE, THROAT OR RESPIRATORY TRACT OCCURS, REMOVE FROM EXPOSURE, FLUSH EYES WITH WATER FOR 15 MINUTES AND CALL A PHYSICIAN.

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:

NONFLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING  
FIRE.

Fire Fighting Procedures:WEAR PROTECTIVE FIRE FIGHTING CLOTHING AND  
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:DECOMPOSITION OF MOLYBDENUM DISULFIDE  
WILL PRODUCE SULFUR DIOXIDE AND CARBON MONOXIDE.

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

Spill Release Procedures:CLEAN UP BY VACUUMING TO MINIMIZE DUST  
EXPOSURE. PROVIDE CLEAN-UP EMPLOYEES WITH RESPIRATORS FOR DUSTY  
CON  
DITIONS AND EYE PROTECTION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE NORMALLY REQUIRED

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION  
EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER  
CURRENT 29 CFR 1910.134, INSTRUC  
TIONS/WARNINGS AND NIOSH RESPIRATOR  
SELECTION.

Ventilation:USE VENTILATION TO MAINTAIN EXPOSURE LEVELS WITHIN OSHA  
LIMITS.

Protective Gloves:RECOMMENDED

Eye Protection:RECOMMENDED

Other Protective Equipment:EMERGENCY EYEWASH STATION AND SHOWER

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT  
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:>599F,>315C

Vapor Pres:NIL

Vapor Density:NIL

Spec Gravity:4.80

Evaporation Rate & Reference:NIL

Solubility in Water:INSOLUBLE

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

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

HYDROGEN PEROXIDE

Stability Condition to Avoid:NONE SPEC

IFIED BY MANUFACTURER.

Hazardous Decomposition Products:SULFUR DIOXIDE AND CARBON MONOXIDE

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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