

HURON INDUSTRIES INC -- MOLYSULFIDE -- 9150-01-206-3627

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

Product ID:MOLYSULFIDE

MSDS Date:03/08/1996

FSC:9150

NIIN:01-206-3627

MSDS Number: CDKKW

=== Responsible Party ===

Company Name:HURON INDUSTRIES INC

Box:610104

City:PORT HURON

State:MI

ZIP:48061

Country:US

Info Phone Num:810-984-4213

Emergency Phone Num:800-255-3924

Preparer's Name:DEBRA SULLIVAN

CAGE:03432

=== Contractor Identification ===

Company Name:HURON INDUSTRIES INC

Address:2301 16TH ST

Box:610104

City:PORT HURON

State:MI

ZIP:48061-0104

Country:US

Phone:810-984-4213

CAGE:03432

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

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt: >99%

OSHA PEL:5 MG MO/M3

ACGIH TLV:5 MG MO/M3

Ingred Name:SPILL PROC: WATER & TOX ENFORCEMENT ACT OF 1986
(PROPOSITION 65) PROHIBITS CONTAMINATING ANY KNOWN SOUR

CE OF (ING
3)

Ingred Name:ING 2: DRINKING WATER WITH SUBSTANCES KNOWN TO CAUSE CANCER AND/OR REPRODUCTIVE TOXICITY.

Ingred Name:RESP PROT: BASED ON SPECIFIC OPERATION, MUST NOT EXCEED WORKING LIMS OF RESP & MUST BE NIOSH APPRVD. ANY DUST (ING 5)

Ingred Name:ING 4: RESP EXCEPT SINGLE-USE & QUARTER-MASK RESPS; ANY SUPP-AIR RESP; ANY SCBA; ANY DUST, MIST & FUME RESP; (ING 6)

Ingred Name:ING 5: ANY CHEM CARTRIDGE RESP W/DUST, MIST, & FUME FILTER; ANY POWERED AIR-PURIFYING RES P W/DUST, MIST, & FUME (ING 7)

Ingred Name:ING 6: FILTER; ANY TYPE 'C' SUPP-AIR RESP W/FULL FACEPIECE OPERATED IN PRESS-DEMAND/OTHER POS PRESS MODE/WITH (ING 8)

Ingred Name:ING 7: FULL FACEPIECE, HELMET/HOOD OPERATED IN CONTINUOUS-FLOW MODE; ANY SCBA W/FULL FACEPIECE OPERATED IN PRESS (ING 9)

Ingred Name:ING 8: DEMAND/OTHER POS PRESS MODE.

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhal

ation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: SHORT-TERM EXPOSURE MAY CAUSE IRRITATION TO EYES AND SKIN. CHRONIC: NO INFORMATION ON SIGNIFICANT ADVERSE LONG TERM EFFECTS.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:I

NHAL:REMOVE TO FRESH AIR IMMED. IF BRTHG HAS STOPPED,
PERFORM ARTF RESP. KEEP PERS WARM & QUIET. TREAT SYMPTOMATICALLY &
SUPPORTIVELY. GET MED ATTN IMMED. SKIN:REMOVE CONTAM CLTHG & SHOES
IMMED. WASH AFFECTED AREA W/SOAP/MILD DETERGENT & LGE AMTS OF
WATER UNTIL NO EVIDENCE OF CHEM REMAINS (15-20 MIN). GET MED ATTN
IMMED. EYES:WASH IMMED W/LGE AMTS OF WATER/NORM SALINE, OCCAS
LIFTING (SUP DAT)

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

Extingui

shing Media:EXTINGUISH USING AGENT SUITABLE FOR TYPE OF
SURROUNDING FIRE.

Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE
EQUIP . NO ACUTE HAZARD. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE.
AVOID BREATHING VAPORS/DUSTS. KEEP UPWIND.

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO
HEAT OR FLAME.

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

Spill Release Procedures:OCCUP SPILL: LOR LGE SPILLS, SWEEP UP W/MIN OF
D

USTING & PLACE INTO SUITABLE CLEAN, DRY CONTRS FOR
RECLAMATION/LATER DISP. RESIDUE SHOULD BE CLEANED UP USING
HIGH-EFFICIENCY PARTICULATE FILTER VACUUM. WATER SPILL: CALIFORNIA
SAFE DRINKING (ING 2)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:OBSERVE ALL FEDERAL, STATE AND LOCAL
REGULATIONS WHEN STORING OR DISPOSING OF THIS SUBSTANCE. STORE AWAY
FROM INCOMPATIBLE SUBS
TANCES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:THE FOLLOWING RESPS ARE REC BASED ON INFO FOUND
IN PHYSICAL DATA, TOX & HLTH EFTS SECTIONS. THEY ARE RANKED IN
ORDER FROM MIN TO MAX RESP PROT. THE SPECIFIC RESP SELECTED MUST BE
BASED ON CONTAM LEVEL S FOUND IN WORK PLACE, MUST BE (ING 4)

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION AND/OR GENERAL DILUTION
VENTILATION TO MEET PUB

LISHED EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPRVD EMER EYEWASH & DELUGE SHOWER .

EMPLOYEE MUST WEAR APPROP PROT (IMPERVIOUS) CLTHG & EQUIP TO (SUP DAT)

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MP: >599F,>315C (OXIDIZES). FIRST AID PROC: UPPER & LOWER LIDS, UNTIL NO EVIDENCE OF CHEM REMAINS (15-20 MIN). GET MED ATTN IMMED.

INGEST: TREAT

SYMPTOMATICALLY & SUPPORTIVELY. GET MED ATTN IMMED.

IF VOMIT OCCURS, KEEP HEAD LOWER THAN HIPSTO PVNT ASPIR. OTHER PROT EQUIP: PVNT RPTD/PRLNG SKIN CONT W/SUBSTANCE.

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

Melt/Freeze Pt:M.P/F.P Text:SUP DAT

Vapor Pres:APPROX 0

Spec Gravity:4.80

Solubility in Water:INSOLUBLE

Appearance and Odor:DARK GRAY TO BLACK POWDER, ODORLESS

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

Stability Indicator/Mate

rials to Avoid:YES

HYDROGEN PEROXIDE: VIGOROUS/VIOLENT RXN. STRONG OXIDIZERS: FIRE & EXPLO HAZ. POTASSIUM NITRATE: FORMS EXPLO MIXTURE.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY RELEASE TOXIC AND/OR HAZARDOUS GASES.

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

Waste Disposal Methods:CONTACT CYPRUS ENVIRONMENTAL DEPARTMENT FOR INFORMATION. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS .

=====

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.