

HURON INDUSTRIES, INC. -- MOLYBDENUM DISULFIDE -- 9150-00-424-3224

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Product Identification  
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Product ID:MOLYBDENUM DISULFIDE

MSDS Date:07/17/1990

FSC:9150

NIIN:00-424-3224

Kit Part:Y

MSDS Number: BDYNX

=== Responsible Party ===

Company Name:HURON INDUSTRIES, INC.

Address:2301 16TH STREET

Box:610104

City:PORT HURON

State:MI

ZIP:48061

Country:US

Info Phone Num:313-984-4213

Emergency Phone N

um:313-984-4213

Preparer's Name:JOHN BOUKAMP

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

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Composition/Information on Ingredients  
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Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt: 99.0%

OSHA PEL:10 MG/M3 TDUST (MO)

ACGIH TLV:10 MG/M3 (MO); 8990

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Hazards Identification

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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:REFERENCES AVAILABLE AT THIS TIME DO NOT REPORT ILL HEALTH EFFECTS AS A RESULT OF ACUTE OR CHRONIC OVEREXPOSURE TO MOLYBDENUM DISULFIDE.  
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:SEE HEALTH HAZARDS  
Medical Cond Aggravated  
by Exposure:CHROMIC RESPIRATORY DISEASE MAY BE AGGRAVATED BY EXPOSURE TO DUST.

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First Aid Measures

First Aid:INHALATION:IF A PERSON BREATHE 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 EYE LIDS OPEN.GET MEDICAL ATTENTION.

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Fire Fighting Measures

Flash Point:NONE  
Ex  
tinguishing Media:DRY SAND OR DRY CHEMICAL.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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Accidental Release Measures

Spill Release Procedures:CLEANUP BY VACUUM OR WET SWEEPING TO MINIMIZE DUST EXPOSURE.PROVIDE CLEANUP EMPLOYEES WITH RESPIRATORS FOR DUST CONDITIONS.  
Neutralizing Agent:NOT APPLICABLE.

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Handling and Storage

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.  
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.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATOR.  
Ventilation:MECHANICAL (GENERAL) 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  
THIS IS PART B OF THE LUBRICANT KIT. PART A CONSISTS OF 1000 ML ISOPROPYL ALCOHOL.

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

HCC:V6  
Decomp Temp:Decomp Text:>599F,>315C  
Vapor Pres:0  
Spec Gravity:4.80  
Solubility in Water:INSOLUBLE  
Appearance and Odor:BLUE-GRAY TO BLACK CRYSTALLINE POWDER

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===== 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

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, S

## TATE AND LOCAL LAWS AND REGULATIONS.

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