

ADIRONDACK ELECTRONICS INC -- MOLYSULFIDE -- 9150-01-206-3627

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Product Identification
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Product ID:MOLYSULFIDE
MSDS Date:12/02/1999
FSC:9150
NIIN:01-206-3627
Status Code:A
MSDS Number: CKKLY
=== Responsible Party ===
Company Name:ADIRONDACK ELECTRONICS INC
Address:1991 CENTRAL AVENUE
City:ALBANY
State:NY
ZIP:12205
Country:US
Info Phone Num:518-456-0203
Emergency Phone Num:800-255-3924
Pr
eparer's Name:DEBRA SULLIVAN
CAGE:1A737
=== Contractor Identification ===
Company Name:ADIRONDACK ELECTRONICS INC
Address:1991 CENTRAL AVENUE
Box:City:ALBANY
State:NY
ZIP:12205
Country:US
Phone:518-456-0203
Contract Num:N00104-97-G-7002-6481
CAGE:1A737

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Composition/Information on Ingredients
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Ingred Name:MOLYBDENUM DISULFIDE
CAS:1317-33-5
RTECS #:QA4697000
> Wt:99.

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Hazards Identification
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Reports of Carcinogenicity:N

TP:NO IARC:NO OSHA:NO

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

Effects of Overexposure:SHORT TERM EXPOSURE-MAY CAUSE IRRITATION TO EYES AND SKIN. LONG TERM EFFECTS-NO INFORMATION ON SIGNIFICANT ADVERSE EFFECTS.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE AREA TO FRESH AIR

IMMEDIATELY. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. KEEP PERSON WARM & AT REST. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING & SHOES IMMEDIATELY. WASH AFFECTED AREA WITH SOAP OR MILD DETERGENT & LARGE AMOUNTS OF WATER UNTIL NO EVIDENCE OF CHEMICAL REMAINS(APPROXIMATELY 15-20 MINUTES). GET MEDICAL ATTENTION. EYE: WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER OR NORMAL SALINE, OCCASIONALLY LIFTING UPPER & LOWER LIDS, UNTIL NO EVIDENCE OF CHEMICAL REMAINS (APPROXIMATELY 15-20 MINUTES). GET MEDICAL ATTENTION. INGESTION:IF VOMITING OCCURS,

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

Autoignition Temp:=290.C, 554.F

Autoignition Temp Text:LAYER

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

Fire Fighting Procedures:FULL FIREFIGHTING TURN-OUT GEAR (BUNKER GEAR), ANY SUPPLIED AIR RESPIRATORY WITH FULL FACE PIECE & OPERATED IN A

PRESSURE-DEMAND OR OTHER POSITIVE-PRESSURE MODE IN COMBINATION WITH A SEPARATE ESCAPE SUPPLY. ANY SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE.

Unusual Fire/Explosion Hazard:SLIGHT FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME. NO ACUTE HAZARD. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. AVOID BREATHING VAPORS OR DUSTS, KEEP UPWIND.

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

Spill Re

Release Procedures:FOR LARGE SPILLS- SWEEP UP WITH A MINIMUM OF DUSTING AND PLACE INTO SUITABLE CLEAN, DRY CONTAINERS FOR RECLAMATION OR LATER DISPOSAL. RESIDUE SHOULD BE CLEANED UP USING A HIGH-EFFICIENCY PARTICULATE FILTER VACUUM.

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===== 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 SUBSTANCES.

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

Respiratory Protection:SELECT ANY CHEMICAL CARTRIDGE RESPIRATOR WITH A DUST, MIST AND FUME FILTER, APPROVED BY NIOSH/MSA. THE SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON CONTAMINATION LEVELS FOUND IN THE WORKPLACE.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION AND/OR GENERAL DILUTION VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves:NOT REQUIRED BUT RECOMMENDED.

Eye Protection:WEAR SPLASH-PROOF OR DUST-RESISTANT SAFETY GOGGLES TO PREVENT EYE CONTACT.

Other Protective Equipment:THE EMPLOYER SHOULD PROVIDE AN EMERGENCY EYE WASH FOUNTAIN WITHIN THE IMMEDIATE WORK AREA FOR EMERGENCY USE. PROTECTIVE CLOTHING NOT REQUIRED. AVOID REPEATED OR PROLONGED CONTACT WITH THIS SUBSTANCE.

Supplemental Safety and Health

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

HCC:V6

Melt/Freeze Pt:>315.C, 599.F

M.P/F.P Text:OXIDIZES

Vapor Pres:APPROX 0 @20C

Spec Gravity:4.80 @14C

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Solubility in Water:INSOLUBLE

Appearance and Odor:ODORLESS, DARK GRAY TO BLACK POWDER.

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

Stability Indicator/Materials to Avoid:YES

HYDROGEN PEROXIDE-VIGOROUS OR VIOLENT REACTION. OXIDIZERS (STRONG)-FIRE AND EXPLOSION HAZARD. POTASSIUM NITRATE-FORMS EXPLOSIVE MIXTURE.

Stability Condition to Avoid:PREVENT DISPERSION OF DUST IN AIR.

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

SES.

Conditions to Avoid Polymerization:HAZARDOUS POLYMERIZATION HAS NOT
BEEN REPORTED TO OCCUR UNDER NORMAL TEMPERATURES AND PRESSURES.

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

Waste Disposal Methods:OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS
WHEN DISPOSING OF THIS SUBSTANCE.

===== Other Information =====

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