

MULE EMERGENCY LIGHTING INC -- 6SLA7 BATTERY ELECTRIC STORAGE -- 6140-00-193-1709

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Product Identification
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Product ID:6SLA7 BATTERY ELECTRIC STORAGE

MSDS Date:01/16/1989

FSC:6140

NIIN:00-193-1709

MSDS Number: BNTBK

=== Responsible Party ===

Company Name:MULE EMERGENCY LIGHTING INC

Address:325 VALLEY ST

City:PROVIDENCE

State:RI

ZIP:02908

Country:US

Info Phone Num:401-521-6853

Emergency P

hone Num:401-521-6853

CAGE:26947

=== Contractor Identification ===

Company Name:MULE EMERGENCY LIGHTING INC

Address:325 VALLEY ST

Box:City:PROVIDENCE

State:RI

ZIP:02908

Country:US

Phone:401-521-6853

CAGE:26947

Company Name:VIRGINIA TECHNICAL ASSOCIATES INC

Address:7202 IMPALA DR

Box:City:RICHMOND

State:VA

ZIP:23228-4203

Country:US

CAGE:7D170

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Composition/Information on Ingredients
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Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 43-70%

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her REC Limits:NONE SPECIFIED
OSHA PEL:0.05 MG/M3;1910.1025
ACGIH TLV:0.15 MG/M3;DUST 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY (SARA III)
CAS:7440-36-0
RTECS #:CC4025000
Fraction by Wt: 0-4%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG SB/M3; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SULFURIC ACID (SARA III)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 20-44%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192
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PA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHALATION OF ACID VAPORS MAY
CAUSE SEVERE IRRITATION OR BURNS OF THE RESPIRATORY SYSTEM,
PULMONARY EDEMA, OR LUNG INFLAMMATION. MAY CAUSE SEVERE BURNS TO
SKIN OR EYES. INGESTION MAY CAUSE SEVERE BURNS TO MOUTH, THROAT,
AND
STOMACH. MAY AFFECT KIDNEY FUNCTION. CHRONIC:MAY DAMAGE
LUNGS,TEETH EROSION.
Explanation of Carcinogenicity:LEAD IS LISTED BY IARC, NTP, AS A
PROBABLE CARCINOGEN, FOR WHICH THERE IS INSUFFICIENT EVIDENCE.
Effects of Overexposure:ACID:SEVERE IRRITATION OR BURNS TO EYES, NOSE
AND THROAT. PULMONARY EDEMA, BRONICAL EMPHYSEMA, CONJUNCTIVITIS,
STOMATITIS, DENTAL EROSION, NAUSEA AND VOMITING. LEAD:STOMACH
CRAMPS, ANEMIA AND NERVE DAMAGE.
Medical Cond Aggravated by Exposure:PERSON

S WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE RESPIRATORY TRACT MAY
BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION: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. SKIN:
REMOV E CONTAMINATED CLOTHING. WASH WITH PLENTY OF WATER FOR 15
MINU
TES. GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE
NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Lower Limits:4.0(FOR H2)
Upper Limits:74.0(FOR H2)
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.
Fire Fighting Procedures:IF ON CHARGE, SHUT OFF POWER.
Unusual Fire/Explosion Hazard:WILL GENERATE HYDROGEN ON OVERCHARGE. MAY
EXPLODE IN FIRE AND PRODUCE HAZARD
OUS FUMES AND OXIDE OF SULFUR
GASES.

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE CLOTHING. STOP LEAK IF YOU CAN DO SO WITHOUT RISK.
DO NOT USE WATER. NEUTRALIZE SPILL AND/OR WASHINGS WITH SODA ASH OR
LIME. WITH CLEAN SHOVEL, PLACE MATERIAL INTO CLEAN, DRY CONTAINER.
Neutralizing Agent:J.T.BAKER'S NEUTRASORB (R) OR TEAM 'LOW NA+' ACID
NEUTRALIZERS ARE RECOMMENDED.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE
IN CORROSION-PROOF AREA. KEEP CONTAINERS OUT OF SUN AND AWAY FROM
HEAT. ISOLATE FROM INCOMPATIBLE MATERIALS.
Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT
BREATHE VAPOR. KEEP IN TIGHTLY CLOSED CONTAINER. LOOSEN CLOSURE
CAUTIOUSLY. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER
HANDLING. IN CASE OF SPILL NEUTRAL

IZE WITH SODA ASH OR LIME.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A NIOSH APPROVED ACID GAS RESPIRATOR IS RECOMMENDED.

Ventilation:USE MECHANICAL (GENERAL) OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH S

TATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:C1

Boiling Pt:B.P. Text:235F(ACID)

Vapor Pres:13 (ACID)

Spec Gravi

ty:1.22-1.33(ACID)

pH: