

EAST PENN MFG CO INC -- BATTERY WET,FILLED WITH ACID,624 MF -- 6140-01-337-0210

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Product Identification  
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Product ID:BATTERY WET,FILLED WITH ACID,624 MF

MSDS Date:04/01/1994

FSC:6140

NIIN:01-337-0210

MSDS Number: BSHYP

=== Responsible Party ===

Company Name:EAST PENN MFG CO INC

Address:DEKA RD

City:LYON STATION

State:PA

ZIP:19536

Country:US

Info Phone Num:610-682-6361

Emergency Phone Num

:610-682-6361/800-424-9300(CHEMTREC)

CAGE:04055

=== Contractor Identification ===

Company Name:BATTERY OUTLET OF HAMPTON INC

Address:2815 GEORGE WASHINGTON HWY

Box:City:TABB

State:VA

ZIP:23602

Country:US

Phone:804-867-8280

CAGE:0FTM0

Company Name:EAST PENN MFG CO INC

Address:DEKA RD

Box:City:LYON STATION

State:PA

ZIP:19536

Country:US

Phone:610-682-6361

CAGE:04055

Company Name:NO VENDOR HAS BEEN NAMED FOR THIS LINE.

Box:UNKNOW

CAGE:NO672

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Composition/Information on Ingredients  
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Ingred Name:LEAD (SARA 313) (CERCLA)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: 43 - 70%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1025  
ACGIH TLV:0.05MG/M3, A3; 9596  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 20 - 44%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3/3 STEL; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ANTIMONY (SARA 313) (CERCLA)  
  
CAS:7440-36-0  
RTECS #:CC4025000  
Fraction by Wt: 0 - 4%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.5 MG (SB)/M3; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT RELEVANT.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, LUNG, TEETH.  
ACUTE- LEAD

MAY CAUSE GI UPSET & FATIGUE. ACID MAY CAUSE EYE, SKIN SEVERE IRRITATION, BURNS, CORNEAL & LUNG DAMAGE. INGESTION MAY CAUSE BURNS. CHRONIC- LEAD MAY CAUSE ANEMIA, KIDNEY & NERVOUS SYSTEM DAMAGE. ACID CAN CAUSE BRONCHITIS, EROSION OF TOOTH ENAMEL.

Explanation of Carcinogenicity:CONTAINS LEAD

Effects of Overexposure:GI UPSET, LOSS OF APPETITE, DIARRHEA, CONSTIPATION, CRAMPING, LACK OF SLEEP, FATIGUE, IRRITATION, BURNS, CORNEAL AND LUNG DAMAGE

Medical Cond Aggravated by Exposur

e:LEAD AND ITS COMPOUNDS CAN

AGGRAVATE CHRONIC FORMS OF KIDNEY, LIVER AND NEUROLOGIC DISEASES. CONTACT OF SULFURIC ACID WITH SKIN MAY AGGRAVATE DISEASES SUCH AS ECZEMA. ACID MIST AGGRAVATES LUNG DISEASE

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

First Aid:OBTAIN MEDICAL ATTENTION IMMEDIATELY IN ALL CASES OF EXPOSURE. EYES/SKIN:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. KEEP EYELIDS OPEN. INHALATION:MOVE TO FRESH AIR. INGESTION:DO NOT INDUCE V

OMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER OR MILK.

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

Flash Point:NON-FLAMMABLE

Lower Limits:4% HYDROGEN

Upper Limits:74%

Extinguishing Media:USE CARBON DIOXIDE, SAND, HALON/DRY CHEMICAL. KEEP BATTERIES COOL WITH WATER SPRAY. WATER ON ELECTROLYTE CAUSES HEAT.

Fire Fighting Procedures:WEAR ACID-RESISTANT CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE.

Un

usual Fire/Explosion Hazard:BATTERY CELLS MAY RUPTURE. THIS COULD RESULT IN RELEASE OF CORROSIVE MATERIALS. HYDROGEN GAS, IF PRESENT, IS EXPLOSIVE/FLAMMABLE.

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

Spill Release Procedures:IF BROKEN: WEAR PROTECTIVE EQUIPMENTS. REMOVE IGNITION SOURCES (H2 MAY BE PRESENT). NEUTRALIZE SPILL WITH SODA ASH. CHECK THAT MIXTURE IS NEUTRAL. COLLECT AND PLACE IN A CONTAINER. DO NOT FLUSH TO SEW ER. SWEEP UP DRY BROKEN BA

ATTERY.

AVOID DUST.

Neutralizing Agent:SODA ASH (SODIUM CARBONATE), QUICKLIME (CALCIUM OXIDE)

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED PLACE AWAY FROM FIRE, SPARKS AND INCOMPATIBLE MATERIALS. STORE UNDER ROOF.

Other Precautions:KEEP TERMINALS COVERED. AVOID SHORTING BATTERIES. DO NOT CRACK OR OVERCHARGE BATTERIES. KEEP LIGHTED CIGARETTES, SPARKS, AND FLAMES AWAY FROM CHARGING BATTERIES. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL USE. USE NIOSH-APPROVED ACID-MIST FILTER RESPIRATOR IF 1 MG/M3 TWA IS EXCEEDED (ACID).

Ventilation:ADEQUATE GENERAL VENTILATION

Protective Gloves:RUBBER FOR LEAKERS

Eye Protection:SPLASH-PROOF CHEMICAL GOGGLES FOR LEAKER

Other Protective Equipment:EYES WASH STATION AND SAFETY SHOWER. USE ACID-PROOF CLOTHING FOR MAJOR SPILLS OF ELECTROLYTE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

HCC:C1

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:1.22-1.325 ACID

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NOT RELEVANT

Appearance and Odor:BATTERY - ODORLESS

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===== Stability and Reactivity D

ata =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS SUCH AS HOT NITRIC ACID

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES, OVERCHARGING,  
SMOKING, SPARKS

Hazardous Decomposition Products: LEAD OXIDE, HYDROGEN, SULFUR DIOXIDE,  
SULFUR TRIOXIDE, CARBON MONOXIDE, METAL FUME, VAPOR OR DUST, CARBON  
DIOXIDE

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

Waste Disposal Methods: DISPOSE AS HAZARDOUS WASTE. OBSERVE FEDERAL,  
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TATE AND LOCAL ENVIRONMENTAL REGULATIONS FOR ACID OR LEAD SCRAP.  
SEND BATTERIES TO LEAD SMELTER FOR RECLAMATION FOLLOWING APPLICABLE  
FEDERAL, STATE AND LOCAL REGULATIONS.

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