

WILLIAMETTE INDUSTRIES INC -- LEAD/ACID STORAGE BATTERY -- 6140-00-397-2662

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Product Identification  
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Product ID:LEAD/ACID STORAGE BATTERY  
MSDS Date:06/01/1990  
FSC:6140  
NIIN:00-397-2662  
MSDS Number: BPPLY  
=== Responsible Party ===  
Company Name:WILLIAMETTE INDUSTRIES INC  
Address:1010 HURLEY WAY NO 300  
City:SACRAMENTO  
State:CA  
ZIP:95825  
Country:US  
Info Phone Num:916-920-8247  
Emergency Phone  
Num:916-920-8247  
Preparer's Name:DGSC-SSH (804-279-4371)  
CAGE:0LBX1  
=== Contractor Identification ===  
Company Name:WILLIAMETTE INDUSTRIES INC  
Address:1010 HURLEY WAY NO 300  
Box:City:SACRAMENTO  
State:CA  
ZIP:95825  
Country:US  
Phone:916-920-8247  
CAGE:0LBX1

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Composition/Information on Ingredients  
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Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
Other 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 R

pt Qty:1 LB

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 10 - 30%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ANTIMONY (SARA III)

CAS:7440-36-0

RTECS #:CC4025000

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:ARSENIC (SARA III)

CAS:7440-38-2

RTECS #:CG0525000

Fraction by Wt: < 0.2%

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r REC Limits:NONE SPECIFIED

OSHA PEL:0.5 MG/M3 (AS)

ACGIH TLV:0.01,A1 MG/M3; 9394

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:CALCIUM, METAL

CAS:7440-70-2

RTECS #:EV8040000

Fraction by Wt: < 0.2%

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:ACUTE & CHRONIC-LEAD:STOMACH  
CRAMPS,ANEMIA, NE

RVE DAMAGE(NO EXPOSURE UNDER NORMAL CONDITION OF USE).SULFURIC AID: EROSION OF TEETH,INFLAMMATION OF NOSE,THROAT & BRONCHIAL TUBES.WILL ALSO CAUSE BURNS,S EVERE IRRITATION OF SKIN,EYES,MOUTH,THROAT,ESOPHAGUS & STOMACH.

Explanation of Carcinogenicity:ARSENIC IS LISTED AS A CARCINOGEN BY NTP, IARC AND OSHA., WHEREAS LEAD IS LISTED AS A PROBALE CARCINOGEN.

Effects of Overexposure:CONTACT WITH SULFURIC ACID RESULTS IN RAPID DESTRUCTION OF BODY TISSUE (BURNS).COUGHING (FROM AC ID MIST),

STINGING, BURNING SENSATION ON SKIN. EYE IRRITATION.

Medical Cond Aggravated by Exposure:PULMONARY DISORDERS.

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

First Aid:EYES/SKIN:FLUSH WITH WATER FOR 15 MINUTES. INHALATION OF SULFUR DIOXIDE:REMOVE TO FRESH AIR, GIVE CPR/OXYGEN. DISCONNECT BATTERIES & VENTILATE THE AREA. INGESTION OF ACID:DRINK LARGE QUANTITIES OF MIL K/WATER, FOLLOWED BY MILK OF MAGNESIA(NOCARBONATES), BEATEN EGGS OR VEGETABLE OIL.SEE DOCTOR IMMEDIATELY.

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

Extinguishing Media:CO2, FOAM, DRY CHEMICAL

Fire Fighting Procedures:IF ON CHARGE, SHUT OFF POWER.

Unusual Fire/Explosion Hazard:BATTERIES MAY EXPLODE IN THE HEAT OF FIRE. WHILE BATTERIES ARE BEING CHARGED, HYDROGEN GAS IS GENERATED. EXPLOSION HAZARD.

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

Spill Release Procedures:AVOID CONTACT WITH SULFURIC ACID. LIME OR SODA

MAY BE USED TO NEUTRALIZE AFTER DILUTING WITH WATER. CONTAIN LARGER SPILLS WITH INERT ABSORBING MATERIAL. TRANSFER TO A DISPOSAL DRUM. WEAR ACID RESISTAN T GLOVES AND OTHER PROTECTIVE CLOTHING.

Neutralizing Agent:LIME OR SODA

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

Handling and Storage Precautions:AVOID SKIN CONTACT. VENTILATE AREA WHEN CHARGING BATTERIES. KEEP AWAY FROM IGNITION SOURCES DURING & AFTER CHARGING.

Other Precautions:KEEP TERMIN

ALS COVERED IN PLASTIC CASE.AVOID SHORTING BATTERIES.DO NOT CRACK OR OVERCHARGE BATTERIES.KEEP LIGHTED CIGARETTES, SPARKS,AND FLAMES AWAY FROM CHARGING BATTERIES.KEEP BATTERIES AWAY FROM CHILDREN.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH-APPROVED RESPIRATOR IF 1 MG/M3 TWA IS EXCEEDED (ACID).

Ventilation:LOCAL EXHAUST AT CHARGING STATIONS

Protective Gloves:RUBBER

Eye Protection:SPLASH-PROOF SAFETY

TY GOGGLES

Other Protective Equipment:RUBBER APRON AND BOOTS. EYES WASH STATION AND SAFETY SHOWER. USE ACID-PROOF CLOTHING FOR MAJOR SPILLS.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

MSDS NOT AVAILABLE FROM MFR, WAS GENERATE BY DGSC. INFORMATION PRESENTED HEREIN IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE AND BELIEF BUT IS NOT GUARANTEED TO BE SO. IT IS THE USER'S RESPONSIBILITY TO TAKE ALL SAFETY PRECAUTIONS AS MAY BE NE

CESSARY. WE HEREBY DISCLAIM ALL LIABILITY WITH RESPECT TO IT'S USE.

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

HCC:C1

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING OR REDUCING MATERIALS. MAY PRODUCE TOXIC SULFUR DIOXIDE FUMES AND SULFURIC ACID MIST ON OVERCHARGE.

Stability Condition to Avoid:PROLONGED OVERCHARGE, METALS, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:FLAMMABLE HYDROGEN GAS ON OVERCHARGE. ACID DECOMPOSES TO TOXIC FUMES OF SULFUR DIOXIDE.

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

Waste Disposal Methods:RETURN BATTERIES TO MFR FOR RECYCLING. OR DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS FOR ACID OR LEAD SCRAP.

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