

EAST PENN MFG CO INC -- BATTERY FLUID ACID,8 UN 2796,PG II,624 MF -- 6140-01-337-0210

===== Product Identification =====

Product ID:BATTERY FLUID ACID,8 UN 2796,PG II,624 MF

MSDS Date:04/06/1993

FSC:6140

NIIN:01-337-0210

MSDS Number: CGXFS

=== 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

Emergenc

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

CAGE:04055

=== Contractor Identification ===

Company Name:BATTERY OUTLET INC

Address:1608 CAMPOSTELLA RD

Box:City:CHESAPEAKE

State:VA

ZIP:23324

Country:US

Phone:757-545-4442

CAGE:0FGN2

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

===== Composition/Information on Ingredients =====

Ingred Name:BATTERY FLUID/SULFURIC ACID (SARA 302/313) (CERCLA)

CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 30%
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

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 2140 MG/KG (RTECS)
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY
& GI TRACTS.
ACUTE- CORROSIVE. CAN CAUSE SEVERE EYE BURNS &
BLINDNESS, ULCERATION OF SKIN, SEVERE RESPIRATORY IRRITATION BY
INHALING ACID MISTS & SEVERE BURNS OF MOUTH, THROAT, STOMACH BY
INGESTION. CHRONIC- EROSION OF TEETH, INFLAMMATION OF NOSE, THROAT
& BRONCHIAL TUBES.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:COUGH, INCREASED RESPIRATORY RATE, STINGING AND
BURNING SENSATION OF SKIN, EYE IRRITATION AND BURNS, DISCOLORATION
OF TEETH, PAIN
Medical Cond Aggravated
by Exposure:SKIN IRRITATION MAY BE AGGRAVATED
IN PERSONS WITH EXISTING SKIN LESION. MAY AGGRAVATE PRE-EXISTING
EYE, TEETH AND PULMONARY DISEASES.

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

First Aid:SPEED IS ESSENTIAL. START FIRST AID & GET MEDICAL CARE AT
ONCE. EYES/SKIN:FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD
EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF
NEEDED. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE
AMOUNT OF WATER. WASH OUT MOUTH. GARGLE TO WASH THROAT.

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

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
Extinguishing Media:WATER FROM A DISTANCE, CARBON DIOXIDE, DRY CHEMICAL
OR WATER FOG. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.
Fire Fighting Procedures:WEAR FULL ACID PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL
FACEPIECE OPERATED IN THE POSIT

IVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:NON-FLAMMABLE, BUT MAY CAUSE IGNITION BY CONTACT WITH COMBUSTIBLES. FIRE MAY PRODUCE POISONOUS GASES. WORK UPWIND IF POSSIBLE. DO NOT GET WATER INSIDE CONTAINER

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. ELIMINATE IGNITION SOURCES (H2 MAY BE GENERATED). VENTILATE AREA. DIKE SPILL. CONTAIN/ABSORB SPILLS WITH DRY SAND, EARTH, VERMICULITE. CAREFULLY NE

UTRALIZE WITH SODA ASH, S ODIUM BICARBONATE, LIME. DO NOT FLUSH TO SEWER.

Neutralizing Agent:LIME OR SODA ASH

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

Handling and Storage Precautions:STORE IN COOL PLACE AWAY FROM INCOMPATIBLE MATERIALS. WEAR GLOVES WHILE HANDLING. TO DILUTE, ALWAYS ADD WATER CAUTIOUSLY TO ACID, NOT ACID TO WATER.

Other Precautions:AVOID BREATHING VAPORS OR MISTS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE

EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF MISTING IS OCCURRING, USE NIOSH-APPROVED SUPPLIED AIR RESPIRATOR, OR AN AIR-PURIFYING RESPIRATOR FOR ACID.

Ventilation:LOCAL EXHAUST OR MECHANICAL (GENERAL) VENTILATION AS REQUIRED.

Protective Gloves:RUBBER

Eye Protection:SPLASH GOGGLES, FULL FACE SHIELD

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER, RUBBER COVERALLS, RUBBER HOOD, RUBBER SHOES

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health
DIFFERENT FORMULA.

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

HCC:C1

NR/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:235F,113C

Vapor Pres:13

Spec Gravity:1.220

- 1.325

pH: