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## YUASA BATTERY AMERICA INC -- NP24-12B, LEAD-ACID BATTERY -- 6140-01-265-0626

Product ID:NP24-12B,LEAD-ACID BATTERY

MSDS Date:05/20/1986

FSC:6140

NIIN:01-265-0626

MSDS Number: BLFHY === Responsible Party ===

Company Name: YUASA BATTERY AMERICA INC

Address:9728 ALBURTIS AVE City:SANTA FE SPRINGS

State:CA ZIP:90670 Country:US

Info Phone Num:213-949-4266, 800-423-4667

Emergency Phone Num:213-949-4266, 800-423-4667

Preparer's Name:L.H. BIGGINS

CAGE:77280

=== 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: YUASA-EXIDE INC Address: 2366 BERNVILLE ROAD

Box:14145 City:READING

State:PA

ZIP:19612-4145 Country:US

Phone:610-208-1975

CAGE:77280

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

Ingred Name: SULFURIC AC

ID (SARA III) CAS:7664-93-9 RTECS #:WS560

RTECS #:WS5600000 Fraction by Wt: 32-40%

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: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 Rpt Qty:1 LB

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

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

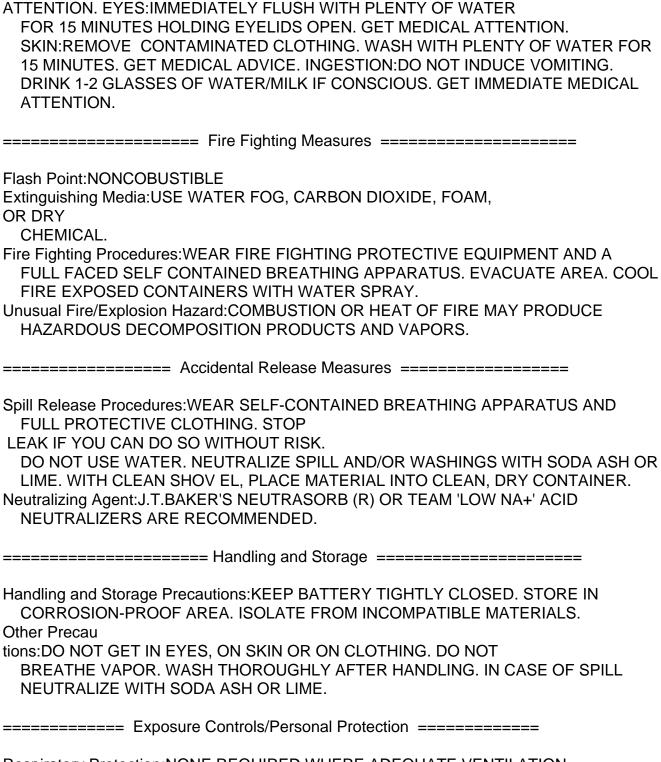
Health Hazards Acute and Chronic:ACUTE:INHALATION OF ACID VAPORS MAY CAUSE SEVERE IRRITATION OR BURNS OF THE RESPIRATORY SYSTEM, PULMONARY EDEMA, OR LUNG INFLAMMATION. MAY CAUSE SEVERE BURNS TO SKIN OR EYES. INGESTION MAY CAUSE SEVER E BURNS TO MOUTH, THROAT, AND STOMACH. MAY AFFECT KIDNEY FUNCTION. CHRONIC:MAY DAMAGE LUNGS, TEETH EROSION.

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 DA MAGE.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL



Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS 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 STATION 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. WASH HANDS AFTER HANDLING BATTERY TERMINALS. DO NOT OVERCHARGE BATTERY.

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

Boiling Pt:B.P. Text:203F,95C

Melt/Freeze Pt:M.P/F.P Text:-103F,-75C

Vapor Pres:10 Vapor Density:>1

Spec Gravity: 1.245-1.295

pH: