

YUASA BATTERY AMERICA INC -- NP SERIES -- 6140-01-265-0626

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

Product ID:NP SERIES

MSDS Date:07/16/1992

FSC:6140

NIIN:01-265-0626

MSDS Number: BPVRW

=== 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

CAGE:77280

=== Contractor Identification ===

Company Name:ARJAY ELECTRONICS CORP

Address:525 W CHESTER PIKE SUITE 314

Box:City:HAVERTOWN

State:PA

ZIP:19083-4539

Country:US

Phone:215-449-3600

CAGE:64812

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:DILUTED SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:W

S5600000  
Fraction by Wt: 32-40%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Health Hazards Acute and Chronic:ACUTE: YES. CHRONIC: NO.  
Effects of Overexposure:CONTACT TO SENSITIVE SKIN OR PROLONGED CONTACT  
WITH NORMAL SKIN MAY CAUSE MILD IRRITATION.  
Medical Cond Aggravated by Exposure:IRRITATION, BURNS, ULCERATION.

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

First Aid:SKIN-FLUSH AFFECTED AREA WITH LARGE AMOUNTS OF COOL CLEAN  
WATER. IF REDNESS OR BLISTERING OCCURS, CONSULT PHYSICIAN.  
EYE-CORNEA COULD BE DAMAGED. FLUSH WITH LARGE AMOUNTS OF COOL WATER  
FOR AT LEAST 15 MIN. CONSULT PHYSICIAN. INGEST-DRINK LARGE AMOUNTS  
OF WATER & CONSULT PHYSICIAN. INHALE-NOT APPLICABLE.

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

Flash Point:NONCOMBUSTIBLE  
Extinguishing Media:USE WATER FOG,  
CARBON DIOXIDE, WATER, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:WEAR NIOSH APPROVED SELF-CONTAINED BREATHING  
APPARATUS & FULL SULFURIC ACID RESISTANT CLOTHING. WATER APPLIED TO  
SULFURIC ACID GENERATES HEAT & SPATTERS ACID.  
Unusual Fire/Explosion Hazard:REACTS WITH METALS TO YIELD  
EXPLOSIVE/FLAMMABLE HYDROGEN GAS; THIS REACTION IS INTENSIFIED WHEN  
ACID IS DILUTED, AS IN ELECTROLYTE.

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

Spill Release Procedures

:CLEAN AREA WITH PLAIN WATER. WASH HANDS AND  
OTHER SKIN AREAS WITH COOL WATER AND MILD SOAP. DO NOT TOUCH EYES.

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

Handling and Storage Precautions:WEAR APPROPRIATE PROTECTIVE CLOTHING.  
Other Precautions:AVOID PROLONGED CONTACT.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS.  
Protective Gloves:ACID RESISTANT RUBBER GLOVES.  
Eye Protection:SAFETY  
GLASSES WITH SIDE SHIELDS.  
Other Protective Equipment:LONG SLEEVED SHIRTS, LONG PANTS, CLOSED  
SHOES.  
Work Hygienic Practices:WASH HANDS OR OTHER AREAS THOROUGHLY AFTER  
CONTACT.  
Supplemental Safety and Health  
NONE

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

HCC:C1  
Boiling Pt:=95.C, 203.F  
Melt/Freeze Pt:=-70.C, -94.F  
Vapor Pres:10  
Vapor Density:>1  
Spec Gravity:1.245 TO 1.295

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

Stability Indicator  
/Materials to Avoid:YES  
METALS, NITRATES, CHLORATES, CARBIDE, FULMINATES, PICRATES AND OTHER  
ORGANIC MATERIALS.  
Stability Condition to Avoid:BREAKING OR CRUSHING OF BATTERY CASE.  
Hazardous Decomposition Products:DECOMPOSITION OF SULFURIC ACID  
RELEASES SULFUR TRIOXIDE, CARBON MONOXIDE, SULFURIC ACID FUME,  
SULFUR DIOXIDE.

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

Waste Disposal Methods:DISPOSE WITH OTHER SOLID WASTE. DO NOT  
INCINERATE.

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ided with this information by the compiling agencies):

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