

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.

Disclaimer (prov

ided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.