

EXIDE CORP -- NP 4-12 -- 6140-01-299-8849

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

Product ID:NP 4-12

MSDS Date:01/02/1991

FSC:6140

NIIN:01-299-8849

MSDS Number: CGMKV

=== Responsible Party ===

Company Name:EXIDE CORP

Address:645 PENN ST

City:READING

State:PA

ZIP:19612-4205

Country:US

Info Phone Num:215-378-0798

Emergency Phone Num:800-424-9300 CHEMTREC

CAGE:20038

=== Contractor Identification ===

Co

Company Name:BATTERY OUTLET OF HAMPTON INC

Address:2815 GEORGE WASHINGTON HWY

Box:City:TABB

State:VA

ZIP:23602

Country:US

Phone:804-867-8280

CAGE:0FTM0

Company Name:ENERSYS INC

Address:8306PATUXENT RANGE RS SUITE 103

Box:City:JESSUP

State:MD

ZIP:20794-8609

Country:US

Phone:301-381-8500 OR 215-378-0757

CAGE:90660

Company Name:EXIDE CORP

Address:645 PENN STREET

Box:14205

City:READING

State:PA

ZIP:19612-4205

Country:US

Phone:610-378-0500/0798

CAGE:20038

Company Name:YUASA-EXIDE INC

Address:2366 BERNV

ILLE ROAD
Box:14145
City:READING
State:PA
ZIP:19612-4145
Country:US
Phone:610-208-1975
CAGE:77280

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

Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 10-30%
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

Ingred Name:LEAD (SARA 313) (CERCLA)
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: 60%
Other REC Li
mits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1025
ACGIH TLV:0.05MG/M3, A3; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY (SARA 313) (CERCLA)
CAS:7440-36-0
RTECS #:CC4025000
Fraction by Wt: 2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG (SB)/M3; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ARSENIC (SARA 313) (CERCLA)
CAS:7440-38-2
RTECS #:CG0525000
Fraction by Wt: 0.2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1018
ACGIH TLV:0.01 MG/M3,

A1; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:CALCIUM
CAS:7440-70-2
RTECS #:EV8040000
Fraction by Wt: 0.2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2000 UG/M3
ACGIH TLV:2000 UG/M3

Ingred Name:TIN
CAS:7440-31-5
RTECS #:XP7320000
Fraction by Wt: 0.2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9596

Ingred Name:POLYPROPYLENE
CAS:9003-07-0
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-CONTACT WITH ACID CAUSES SEVERE
BURNS TO ALL TISSUE.INGESTION MAY BE FATAL;CAUSES SEVERE BURNS &
ULCERATION. INHALATION CAUSES SEVERE RESPIRATORY IRRITATION.IF LEAD
ALLOY DUST IS PRESENT,MAY CAUSE WEIGHT
LOSS,LASSITUDE,CONSTIPATION,ANEMIA,VOMITING, PARALYSIS & CNS
DEPRESSIO
N.CHRONIC-SKIN ULCERATION & DERMATITIS.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN.
Effects of Overexposure:CONTACT WITH ACID CAUSES SEVERE BURNS TO ALL
TISSUE. INGESTION CAUSES SEVERE BURNS & ULCERATION. INHALATION
CAUSES SEVERE RESPIRATORY IRRITATION. IF LEAD ALLOY DUST IS
PRESENT, MAY CAUSE WEIGHT LOSS, LASSITUDE, CONSTIPATION, ANEMIA,
VOMITING, PARALYSIS & CNS DEPRESSION.
Medical Cond Aggravated by Exposur

Protective Gloves: RUBBER

Eye Protection: SPLASH-PROOF SAFETY GOGGLES

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

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

PUT IN AS PNI B TO HIGHLIGHT FOR DDRV.

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

HCC: N1

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

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

Vapor Pres: 10

Vapor Density: > 1

Spec Gr

Density: 1.245 - 1.295

pH: < 1

Solubility in Water: COMPLETE (SULFURIC)

Appearance and Odor: COLORLESS, ODORLESS LIQUID (ELECTROLYTE)

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

Stability Indicator/Materials to Avoid: YES

COMBUSTIBLES, ORGANIC MATERIALS, STRONG REDUCING AGENTS, METALS

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES AND SPARKS (IF HYDROGEN GAS IS GENERATED)

Hazardous Decomposition Products: MAY FORM SULFUR TRIOXIDE, SULFUR DIOXIDE, SULFURIC ACID FUME

AND OTHER TOXIC GASES SUCH AS HYDROGEN CYANIDE OR SULFIDE.

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

Waste Disposal Methods: NEUTRALIZE WITH SOLUTION OF BAKING SODA IN WATER. DO NOT INCINERATE. DISPOSE WITH AUTOMOTIVE BATTERY SCRAP (CONTAINING LEAD) IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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