View NSN Online: https://aerobasegroup.com/nsn/6140-01-299-8849

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 ===
Comp
any 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 BERNVIL

LE 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 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 Limi
ts: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, A

1; 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

========== 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 CAU SE WEIGHT LOSS,LASSITUDE,CONSTIPATION,ANEMIA,VOMITING, PARALYSIS & CNS DEPRESSION.
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 Exposure:

PRE-EXISTING SKIN DISORDERS MAY BE
MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid:GET IMMEDIATE MEDICAL ATTENTION IN ALL
CASES.EYES/SKIN:IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15
MINUTES.HOLD EYELIDS OPEN & REMOVE CONTACT LENSES.INHALED:REMOVE TO
FRESH AIR.INGESTION: DO NOT INDU CE VOMITING.DRINK AS MUCH
MILK/WATER ASPOSSIBLE WITHOUT VOMITING.

========== Fire Fighting Measures ==========
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Flash Point:NON FLAMMABLE
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL. DO NOT SPRAY WATER OVER ACID.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:WATER APPLIED TO SULFURIC ACID GENERATES
HEAT AND CAUSES ACID TO SPATTER. REACTS WITH MOST METALS TO YIELD
EXPLOSIVE/FLAMMABLE HYDROGEN GAS.

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

Spill Release Procedures:AVOID CONTACT WITH SULFURIC ACID ELECTROLYTE
FROM BATTERY. LIME OR SODA ASH MAY BE USED TO NEUTRALIZE AND/OR
FLUSH WITH LARGE VOLUME OF WATER.
Neutralizing Agent:SODA ASH (SODIUM CARBONATE) OR QUICKLIME (CALCIUM
OXIDE).

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

Handling and Storage Precautions:STORAGE-STORE BATTERIES IN
COOL,VENTILATED PLACE AWAY FROM FLAMES,WATER
& STRONG BASES.
Other Precautions:AVOID SKIN CONTACT. WHEN CHARGING BATTERIES, AVOID
PLACING IN AREAS WHERE HYDROGEN GAS CAN BUILD UP. KEEP BATTERIES
AWAY FROM CHILDREN. DO NOT GET IN EYES. DO NOT BREATHE VAPORS OR
MISTS.

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

Respiratory Protection:USE NIOSH-APPROVED RESPIRATOR FOR ACIDS IF 1
MG/M3 TWA IS EXCEEDED (ACID).
Ventilation:GENERAL (MECHANICAL) VENTILATION. LOCAL EXHAUST IN CHARGING
STATIONS
Protecti

ve 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 Grav
ity: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 FUMES
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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