View NSN Online: https://aerobasegroup.com/nsn/6140-01-210-1963

EXIDE CORP -- STORAGE BATTERY -- 6140-01-210-1963
========== Product Identification ==========

Product ID:STORAGE BATTERY
MSDS Date:04/01/1996
FSC:6140
NIIN:01-210-1963
Status Code:A
MSDS Number: CKRVN
=== Responsible Party ===
Company Name:EXIDE CORP
Address:645 PENN STREET
Box:14205
City:READING
State:PA
ZIP:19612-4205
Country:US
Info Phone Num:610-378-0500/0798
Emergency Phone Num:610-378-0500
CAGE:2003
8
=== Contractor Identification ===
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

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

Ingred Name:SULFURIC ACID
CAS:7664-93-9
RTECS #:WS5600000
Minumum % Wt:30.
Maxumum % Wt:40.
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3
ACGIH STEL:3 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Minumum % Wt:

60.
Maxumum % Wt:70.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:THIS MSDS IS BASED ON THE MANUFACTURER'S MSDS FOR THE BATTERIES ELECTROLYTE, SULFURIC ACID. ACUTE: BURNS, SEVERE IRRITATION OF SKIN, EYES, MOUTH, THROAT, ESOPHAGUS, AND STOMACH; INFLAMMATION OF BRONCH IAL MEMBRANES. CHRONIC: EROSION OF TEETH; INFLAMMATION OF NOSE, THROAT, AND BRONCHIAL TUBES.
Expl
anation of Carcinogenicity:IARC HAS CLASSIFIED "STRONG INORGANIC ACID MIST CONTAINING SULFURIC ACID" AS CATEGORY 1 CARCINOGEN, A SUBSTANCE CARCINOGENIC TO HUMANS. THIS CLASSIFICATION DOES NOT APPLY TO LIQUID FORMS OF SULFURIC A CID OR SULFURIC ACID SOLUTIONS CONTAINED IN A LEAD-ACID BATTERY. INORGANIC ACID MIST (SULFURIC ACID MIST) IS NOT GENERATED DURING NORMAL USE OF THIS PRODUCT.
Effects of Overexposure:COUGH, INCREASED RESPIRATORY RATE; STINGING; BURNING SENSATION ON
SKIN, EYE IRRITATION; DISCOLORATION OF TEETH.
Medical Cond Aggravated by Exposure:EXPOSURE TO MIST MAY CAUSE LUNG DAMAGE AND AGGRAVATE PULMONARY CONDITIONS.

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

First Aid:REMOVE FROM EXPOSURE. FLUSH SKIN AND EYES FOR 15 MINUTES WITH LARGE AMOUNTS OF COOL WATER. IF INGESTED, DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.

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

Flash Point:NOT COMBUSTIBLE
Exti
nguishing Media:DRY CHEMICAL; CARBON DIOXIDE; WATER FOG; WATER.
Fire Fighting Procedures:WATER APPLIED TO SULFURIC ACID GENERATES HEAT AND CAUSES ACID TO SPATTER. WEAR FULL-COVER SULFURIC ACID RESISTANT CLOTHING.
Unusual Fire/Explosion Hazard:REACTS VIOLENTLY WITH METALS, NITRATES, CHLORATES, CARBIDES AND OTHER ORGANIC MATERIAL. REACTS WITH MOST METALS TO YIELD EXPLOSIVE/FLAMMABLE HYDROGEN GAS.

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

Spill Release Pr

ocedures:STOP FLOW OF MATERIAL. FOR SMALL SPILLS,
NEUTRALIZE WITH SODA ASH, LIME, OR SODIUM BICARBONATE. DILUTE
CAUTIOUSLY WITH WATER. WEAR ACID-RESISTANT PROTECTIVE CLOTHING AND
EQUIPMENT.
Neutralizing Agent:SODA ASH, LIME, SODIUM BICARBONATE. DILUTE
CAUTIOUSLY WITH WATER.

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

Handling and Storage Precautions:STORAGE/HANDLING AREAS SHOULD BE
EQUIPPED WITH EYEWASHES AND SAFETY SHOWERS. HANDLE CAUTIOUSLY;
A
VOID CONTACT WITH SKIN AND EYES.
Other Precautions:HANDLING/STORAGE AREAS SHOULD BE EQUIPPED WITH PROPER
CONTAINMENT TO CAPTURE AND NEUTRALIZE SPILLS.

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

Respiratory Protection:NOT NORMALLY REQUIRED. IF CONCENTRATIONS EXCEED
PEL, USE NIOSH-APPROVED FULL FACE RESPIRATOR.
Ventilation:LOCAL EXHAUST FOR 150 PPM EXPOSURE. MECHANICAL (GENERAL)
WITH CAPACITY OF 3-4 AIR CHANGES PER HOUR. USE ACID-RESISTANT
VENTILATION COM
PONENTS.
Protective Gloves:RUBBER/PLASTIC WITH ELBOW LENGTH GAUNTLET.
Eye Protection:CHEMICAL GOGGLES; SAFETY GLASSES/FACE SHIELD.
Other Protective Equipment:ACID-RESISTANT APRON, BOOTS.
Work Hygienic Practices:HANDLE CAUTIOUSLY; AVOID CONTACT WITH SKIN AND
EYES.
Supplemental Safety and Health
THIS MSDS IS BASED ON THE MANUFACTURER'S MSDS FOR THE BATTERY'S
ELECTROLYTE, SULFURIC ACID.

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

HCC:C1
Boiling Pt:=95.C, 203.F
B.P
. Text:@ 14.7 PSIA.
Vapor Pres:10 MM HG @18F
Vapor Density:>1
Spec Gravity:1.245 TO 1.295
Evaporation Rate & Reference: