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## **TITAN AC/DC, SEE "SUPP DATA"**

### **MSDS Number**

BHCDG

### **National Stock Number**

6140-00D002532

### **Product Name**

TITAN AC/DC, SEE "SUPP DATA"

### **Manufacturer**

EXIDE CORP

### **Product Identification**

Product ID:TITAN AC/DC, SEE "SUPP DATA"

MSDS Date:01/01/1987

FSC:6140

NIIN:00D002532

MSDS Number: BHCDG

### **Responsible Party**

EXIDE CORP

645 PENN ST

READING , PA 19612-4205

US

Emergency Phone: 215-378-0798

Cage: 20038

### **Contractor**

HOBART BROTHERS CO

TROY, OH 45373

US

513-339-6000

Cage: 28835

### **Ingredients**

LEAD (SARA III)

CAS: 7439-92-1

RTECS: OF7525000

Fraction By Weight: >60%

OSHA PEL0.05 MG/M3;1910.1025

ACGIH TLV: 0.15 MG/M3;DUST 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

ANTIMONY (SARA III)

CAS: 7440-36-0

RTECS: CC4025000

Fraction By Weight: >2%

OSHA PEL0.5 MG/M3

ACGIH TLV: 0.5 MG SB/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ARSENIC (SARA III)

CAS: 7440-38-2

RTECS: CG0525000

Fraction By Weight:

OSHA PEL0.5 MG/M3 (AS)

ACGIH TLV: 0.01,A1 MG/M3; 9394

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

CALCIUM, METAL

CAS: 7440-70-2

RTECS: EV8040000

Fraction By Weight:

SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight: 10-30%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

POLYPROPYLENE

CAS: 9003-07-4

RTECS: UD1842000

Fraction By Weight: 5%

OSHA PELNONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

## Hazards

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF OVEREXPOSURE.

Effects of Overexposure:CONTACT MAY CAUSE PERMANENT DAMAGE TO EYES,SEVERE BURNS AND ULCERATION OF SKIN. INHALATION CAUSES UPPER RESPIRATORY IRRITATION AND POSSIBLE PULMONARY EDEMA. INGESTION CAUSES SEVERE INJURIES.

Medical Cond Aggravated by Exposure:RESPIRATORY CONDITIONS WILL BE AGGRAVATED BY BREATHING ACID MISTS.

## First Aid

First Aid:EYES/SKIN:FLUSH WITH PLENTY OF WATER.SEE DOCTOR IMMEDIATELY.REMOVE CONTAMINATED CLOTHING AND SHOES.

INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR.

## Fire Fighting

Extinguishing Media:USE CARBON DIOXIDE, FOAM, HALOGEN, DRY CHEMICAL.

Fire Fighting Procedures:IF ON CHARGE, SHUT OFF POWER.

Unusual Fire/Explosion Hazard:NONE STATED

## Accidental Release

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT.DILUTE CAUTIOUSLY WITH WATER.COVER WITH SODA ASH OR QUICKLIME.SCOOP UP AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

Neutralizing Agent:SODA ASH (SODIUM CARBONATE) OR QUICKLIME (CALCIUM OXIDE).

## Handling

Handling and Storage Precautions:STORE AWAY FROM IGNITION SOURCES AND COMBUSTIBLE MATERIALS.AVOID CONTACT WITH ORGANIC MATERIALS.

Other Precautions:KEEP TERMINALS COVERED IN PLASTIC CASE.AVOID SHORTING BATTERIES.

## Exposure Controls

Respiratory Protection:FOR SULFURIC ACID MIST, USE HALF MASK NEGATIVE PRESSURE WITH DUST AND MIST FILTER.

Ventilation:USE MECHANICAL VENTILATION WITH 3 TO 4 AIR CHANGES PER HOUR.

Protective Gloves:RUBBER OR PLASTIC.

Eye Protection:GOGGLES

Other Protective Equipment:RUBBER APRON AND BOOTS.EYES WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

THIS MSDS IS FOR ACID IN BATTERY.ADDITIONAL HAZARDS ASSOCIATED WITH THE LEAD CONTAINED IN THE BATTERY PLATES MAY BE PRESENT AT TIME OF DISPOSAL.

## Chemical Properties

HCC:C1

pH:Appearance and Odor:BATTERY

## Stability

Stability Indicator/Materials to Avoid:YES

NONE STATED

Stability Condition to Avoid:PROLONGED OVERCHARGE.

Hazardous Decomposition Products:MAY GENERATE ARSINE,STIBINE AND/OR SULFURIC ACID MIST ON OVERCHARGE.

## Disposal

Waste Disposal Methods:RETURN SPENT BATTERY TO SECONDARY LEAD SMELTER.

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