

C & D POWER SYSTEMS -- LEAD/ACID STORAGE BATTERY -- 6140-01-113-6230

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Product Identification  
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Product ID:LEAD/ACID STORAGE BATTERY

MSDS Date:06/19/1986

FSC:6140

NIIN:01-113-6230

MSDS Number: BGMKL

=== Responsible Party ===

Company Name:C & D POWER SYSTEMS

Address:3043 WALTON ROAD

City:PLYMOUTH MEETING

State:PA

ZIP:19462

Info Phone Num:215-828-9000

Emergency Phone Num:215-828-9000

CAGE:F

O279

=== Contractor Identification ===

Company Name:C & D POWER SYSTEMS/PLYMOUTH MEETING, PA 19462

Box:3053

CAGE:FO279

Company Name:C & D TECHNOLOGIES, INC

Address:1400 UNION MEETING ROAD

Box:3053

City:BLUE BELL

State:PA

ZIP:19422-0858

Country:US

Phone:215-619-2700

CAGE:1K126

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Composition/Information on Ingredients  
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Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 10-30%

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 L

BS  
DOT Rpt Qty:1000 LBS

Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: 60%  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:CALCIUM OXIDE  
CAS:1305-78-8  
RTECS #:EW3100000  
Fraction by Wt: 1%  
OSHA PEL:5 MG/M3  
ACGIH TLV:2 MG/M3; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic: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.

Effects of Overexposure:SEE HEALTH HAZARDS.

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

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

First Aid:EYES/SKIN:FLUSH WITH WATER.SEE DOCTOR IMMEDIATELY.REMOVE CONTAMINATED CLOTHING.INGESTION:GIVE MILK OR WATER,FOLLOWED BY 2 OZ MILK OF MAGNESIA (NO CARBONATES),SEE DOCTOR IMMEDIATELY.INHALATION:REMOVE T O FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.SEE DOCTOR.

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

Extinguishing Media:CO\*2,DRY CHEMICAL,FOAM  
Fire Fighting Procedures:WEAR SCBA & PROTECTIVE CLOTHING. COOL EXTERIOR OF BATTERY TO PREVENT RUPTURE.  
Unusual Fire/Explosion Hazard:BATTERY EMITS

HYDROGEN GAS WHICH MAY  
EXPLODE IF IGNITED. ACID MAY EMIT TOXIC FUMES UNDER FIRE. WATER  
WILL CAUSE HEAT GENERATION,BOIL OVER & SPLATTER.

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

Spill Release Procedures:COVER WITH SAND & NEUTRALIZE WITH SODA ASH OR  
QUICKLIME. SCOOP UP & CONTAINERIZE FOR PROPER DISPOSAL.  
Neutralizing Agent:SODA ASH (SODIUM CARBONATE). QUICKLIME (CALCIUM  
OXIDE).

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

Handl  
ing and Storage Precautions:STORE AWAY FROM IGNITION SOURCES &  
COMBUSTIBLE MATERIAL. AVOID CONTACT WITH ORGANIC MATERIAL.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH APPROVED CARTRIDGE  
RESPIRATOR FOR ACIDS OR FULL FACE MASK IF REQUIRED.  
Ventilation:GENERAL (MECHANICAL) VENTILATION. LOCAL EXHAUST IN CONFINED  
AREAS.

Protective Gloves:RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:RUBBER APRON & BOO  
TS. EYE WASH STATION &  
SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:C1

Spec Gravity:1.215-1.250

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,STRONG ACRID ODOR

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

Stability Indicator/Materials to Avoid:YES

BASES,OXIDIZERS,REDUCING AGENTS,METAL POWDERS,ORGANIC MATERIAL.

Stability Conditio

n to Avoid:HEAT. PROLONGED OVERCHARGING IN CONFINED SPACES.

Hazardous Decomposition Products:SO\*2,SO\*3

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

Waste Disposal Methods:DISPOSE OF IAW FEDERAL,STATE & LOCAL REGULATIONS.

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