

CALDWELL CHEMICALS -- MC-200 PHOSPHORIC ACID -- 6850-00-270-5551

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Product Identification  
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Product ID:MC-200 PHOSPHORIC ACID

MSDS Date:01/01/1987

FSC:6850

NIIN:00-270-5551

MSDS Number: BDRRN

=== Responsible Party ===

Company Name:CALDWELL CHEMICALS

Emergency Phone Num:301-945-8999

CAGE:68870

=== Contractor Identification ===

Company Name:CALDWELL CHEMICAL CO INC.

Address:2400 FREDRICK AV

ENUE

Box:City:BALTIMORE

State:MD

ZIP:21223

Country:US

Phone:301-945-8999

CAGE:68870

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

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 68.0%

OSHA PEL:1 MG/M3/3 STEL

ACGIH TLV:1 MG/M3/3 STEL; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 12.0%

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9293

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Haz

ards Identification =====

Effects of Overexposure:EYES: SEVERE IRRIT. POSSIBLE DAMAGE; SKIN:  
LOCAL IRRITATION;INHAL:NOT KNOWN;INGEST:MAY CAUSE BURNS.

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

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O\*2 IF  
NEED;EYES/SKIN:FLUSH W LG AMTS H\*2O FOR 15 MIN;INGEST:RINSE MOUTH;  
GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER  
SYMPTOMS OF OVEREXPOSURE.

===== Fire Fighti  
ng Measures =====

Flash Point:200F/93C

Extinguishing Media:WATER FOG, FOAM, ALCOHOL FOA, CO\*2, DRY CHEMICAL.

Fire Fighting Procedures:WEAR SELF-CNTD BRTHG,APP H\*2O SPRAY TO COOL  
CONTR.

Unusual Fire/Explosion Hazard:CONTACT WITH METALS PRODUCES H\*2 GAS.  
HEAT MAY DECOMPOSE AND GIVE OFF FUMS.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK W/O  
RISK. EVACUATE AREA. SM SPILL:ABSORB WITH  
INERT ABSORBENT,FLUSH  
AREA WITH WATER. LG SPILL:NEUTRALIZE WITH SODA ASH. FLUSH  
NEUTRALIZED SOLUTION TO SEWER IN ACC ORDANCE WITH INTERNATIONAL  
FED,STA, & LOCAL REGS.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED  
AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP  
CONTAINERS TIGHTLY CLOSED

Other Precautions:AVOID FREQUENT OR PROLONGED SKIN CONTACT. SAFETY  
SHOWERS AND  
HAVE SUPPLY OF NEUTRALIZING AGENTS ABSORBENTS.

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

Respiratory Protection:USE SCBA

Ventilation:MECHANICAL (GENERAL)

Protective Gloves:RUBBER/PLASTIC

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:IMP. & FULL PROT./BOOTS,EYEWASH FNT, O\*2  
SUPPLY,SAFSHW.

Supplemental Safety and Health

MSDS FROM CALDWELL EFFECTIVE JANUARY 1980; SPEC REF: MIL-C-10578D, TYPE  
I.

===== Physical/Chemical Properties =

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HCC:C1

Boiling Pt:B.P. Text:140F/64C

Vapor Pres:2

Spec Gravity:1.61

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, REACTIVE METALS, ALKALIS AND COMM METALS.

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:HYDROGEN GAS AND PHOSPHORIC OXIDE

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

Was  
te Disposal Methods:MFR SUGGEST FULLY NEUTRALIZE SPILLS BEFORE  
DISPOSAL. FOLLOW ALL APPLICABLE STATUTES.

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