

YARDNEY ELECTRIC CORP(DIST),DIAMOND SHAMROCK(MFR). -- YS3-4 -- 6140-00-714-5089

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Product Identification
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Product ID:YS3-4

MSDS Date:01/01/1985

FSC:6140

NIIN:00-714-5089

MSDS Number: BFMCP

=== Responsible Party ===

Company Name:YARDNEY ELECTRIC CORP(DIST),DIAMOND SHAMROCK(MFR).

Address:82 MECHANIC ST

City:PAWCATUCK

State:CT

ZIP:06379

Country:US

Emergency Phone Num:NONE

CAGE:LO428

=== Con

tractor Identification ===

Company Name:YARDNEY ELECTRIC CO

Address:82 MECHANIC ST

Box:City:PAWCATUCK

State:CT

ZIP:06379

Country:US

CAGE:LO428

Company Name:YARDNEY TECHNICAL PRODUCTS INC

Address:82 MECHANIC ST

Box:City:PAWCATUCK

State:CT

ZIP:06379

Country:US

Phone:(860)599-1100

CAGE:87362

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 45.0%

OSHA PEL:C, 2 MG/M3

ACGIH TLV:C 2 MG/M3;

9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 55.0%

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Hazards Identification
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Effects of Overexposure:CONJUNCTIVITIS,CORNEAL BURNS,DEEP SKIN
BURNS,IRRITATION OF RESPIRATORY TRACT,INFLAMMATION OF LUNGS.

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First Aid Measures
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First Aid:INGESTION: CAUSES SEVERE BURNS OF MUCOUS MEMBRANES OF MOUTH,
THROAT, ESOPHAGUS,& STOMACH. DRINK
PLENTY OF FLUIDS.INHALATION:
LEAVE CONTAMINATED AREA. SKIN:WASH W/PLENTY OF WATER.SEE
DOCTOR.EYES: WASH EYES W/WATER FOR 15 MINS. CALL DOCTOR ATONCE.

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Fire Fighting Measures
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Fire Fighting Procedures:WORKMEN SHOULD BE TRAINED TO PREVENT WLDG
FIRES BY WTG TARPS

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Accidental Release Measures
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Spill Release Procedures:WATER CAN BE USED TO FLUSH,DISSOLVE,DILUTE
SPILLED CAUSTIC.SPILLED CAUSTIC FORMS
OF SOLID SHOULD BE SHOVELED
UP,FOLLOWED BY FLUSHING W/WATER.DILUTE ACID,PREFERABLY ACETIC
ACID,MAY BE USED FOR NEUTRALI ZATION.WASHING SIMILAR
LEAKS,NEUTRALIZEW/NAHCO*3.

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Handling and Storage
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Handling and Storage Precautions:LIQUID CAUSTIC POTASH SHOULD BE STORED
ABOVE THE FREEZING POINT.SPECIFIC HANDLING & STORAGE PROCEDURES
SHOULD FOLLOW RECOMMENDATIONS OF CAUSTIC SUPPLR
Other Precautions:WEAR RUBBER GLOVES, BIG FACE SHIELD &

WORKING
CLOTHES.

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

Ventilation:AS REQUIRED TO CONTROL TLV IN AIR.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:EYEWASH FOUNTAINS & SAFETY SHOWERS,HARD
HATS, RUBBER BOOTS.

Supplemental Safety and Health

RETURNABLE CONTAINERS SHOULD BE SHIPPED IN ACCORDANCE W/THE SUPPLIERS
RECOMMENDATIONS.ALL RESIDUAL CAUSTIC POTASH SHOULD BE REMOVED FROM
THE CONTAINER PRIOR TO DISPOSAL.

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

HCC:B1

Boiling Pt.=116.3C, 241.3F

Vapor Pres:130

Spec Gravity:1.46

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID, CLEAR, ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

ALUMINUM,LEATHER,WOOL,TIN,ZINC & ALLOYS CONTAINING THESE.

Hazardous Decomposition Products:NONE

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

Waste

Disposal Methods:WASTE CAUSTIC POTASH SOLUTION SHOULD NOT BE
DISCHARGED DIRECTLY INTO SEWERS OR STREAMS.CAUSTIC POTASH SHOULD
FIRST BE CONVERTED TO A NEUTRAL SALT,AS BY NEUTRALIZATION
W/ACID(HCL),& THEN WELL DILUTED W /WATER.THEN DISCHARGE INTO AN
APPROVED AREA.

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