

YS3-4

MSDS Number

BFMCP

National Stock Number

6140-00-714-5089

Product Name

YS3-4

Manufacturer

YARDNEY ELECTRIC CORP(DIST) DIAMOND SHAMROCK(MFR)

Product Identification

Product ID:YS3-4

MSDS Date:01/01/1985

FSC:6140

NIIN:00-714-5089

MSDS Number: BFMCP

Responsible Party

YARDNEY ELECTRIC CORP(DIST),DIAMOND SHAMROCK(MFR).

82 MECHANIC ST

PAWCATUCK , CT 06379

US

Emergency Phone: NONE

Cage: LO428

Contractor

YARDNEY TECHNICAL PRODUCTS INC

PAWCATUCK, CT 06379

US

(860)599-1100

Cage: 87362

Ingredients

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 45.0%

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 55.0%

Hazards

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

First Aid

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 AT ONCE.

Fire Fighting

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

Accidental Release

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 NEUTRALIZATION. WASHING SIMILAR LEAKS, NEUTRALIZE W/NAHCO₃.

Handling

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

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.

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

Stability Indicator/Materials to Avoid: YES
ALUMINUM, LEATHER, WOOL, TIN, ZINC & ALLOYS CONTAINING THESE.
Hazardous Decomposition Products: NONE

Disposal

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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