

OCTAGON PROCESS INC. -- POTASSIUM HYDROXIDE,LYE -- 6810-00-234-8366

===== Product Identification =====

Product ID:POTASSIUM HYDROXIDE,LYE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-234-8366

MSDS Number: BDLMD

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-945-9400

Emergency Phone Num:201-945-9400

CA

GE:82925

=== Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

===== Composition/Information on Ingredients =====

Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

OSHA PEL:C, 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

Effects of Over

exposure:SEVERE BURNS TO SKIN AND EYES.

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

First Aid:IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER; FOR EYES, FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

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

Extinguishing Media:FLUSH WITH WATER,DO NOT SPLASH OR SPLATTER  
Unusual Fire/Explosion Hazard:AVOID MOISTURE OR WATER,AS SUFFICIENT HEAT WILL IGNITE COMBUSTIBLES. METALS ON CONTACT GENERATE H<sub>2</sub>.

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

Spill Release Procedures:CLEAN AREA WITH PLENTY OF WATER. COLLECT AND STORE IN APPROVED CONTAINER FOR CORROSIVES. DILUTE WITH WATER AND NEUTRALIZE WITH 6M-HCL.

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

Handling and Storage Precautions:WEAR GOGGLES OR FACE SHIELD. WHILE MAKING SOLUTIONS,ADD SLOWLY TO SURFACE OF SOLUTION TO AVOID VIOLENT SPATTERING.

Other  
Precautions:STORE IN DRY PLACE, PROTECT AGAINST MOISTURE OR WATER. SEPARATE FROM ACIDS,METALS,EXPLOSIVES,ORGANIC PEROXIDES AND EASILY IGNITABLE ITEMS.

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

Protective Gloves:YES  
Eye Protection:YES  
Other Protective Equipment:WEAR FULL PROTECTIVE CLOTHING.  
Supplemental Safety and Health

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

HCC:B1  
Boiling Pt:=1320.C, 2408.F  
Solubility in Water:APPRECIABLE  
App

earance and Odor:DELIQUESCENT PIECES HAVING CRYSTALLINE FRACTURE.

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

Stability Indicator/Materials to Avoid:YES

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

Waste Disposal Methods:PUT INTO LARGE VESSEL CONTAINING WATER.  
NEUTRALIZE WITH HCL.

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