

ASHLAND OIL INC.,ASHLAND CHEMICAL CO.,DIVISION -- CAUSTIC POTASH 45% LIQUID --
6810-00-419-0634

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

Product ID:CAUSTIC POTASH 45% LIQUID

MSDS Date:07/14/1986

FSC:6810

NIIN:00-419-0634

MSDS Number: BDYKM

=== Responsible Party ===

Company Name:ASHLAND OIL INC.,ASHLAND CHEMICAL CO.,DIVISION

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-790-333

3

Emergency Phone Num:606-324-1133

CAGE:81355

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

Company Name:ASHLAND INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Phone:800-622-6846

CAGE:81355

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

Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS

#:TT2100000
= Wt:45.
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
= Wt:55.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:CORROSIVE,CAUSE SEVERE EYE DAMAGE &
EVEN BLINDNESS RAPIDLY; CAUSE SKIN BURNS & DEEP ULCERATION;
BREATHING OF MIST CAN CAUSE DAMAGE TO NASAL & RESPIRATORY PASSAGES
;
SWALLOWING RESULTS IN SEVERE DAMAGE TO MUCOUS MEMBRANES & DEEP
TISSUES. CAN RESULT IN DEATH ON PENETRATION TO VITAL AREAS.
Effects of Overexposure:CAUSE SEVERE BURNS & IRRITATIONS.

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

First Aid:EYE/SKIN:FLUSH WITH LARGE AMOUNTS OF WATER FOR 15
MINUTES,REMOVE CONTAMINATED CLOTHING,LAUNDER BEFORE REUSE,
OCCASIONALLY LIFTING EYELIDS WHEN FLUSHING EYES; ING:DO NOT INDUCE
VOMITING,DILUTE BY GIVING WATER,GIVE MILK OR MAGNESIA,KEEP
WARM,QUIET,GET MEDICAL ATTENTION; INH:REMOVE TO FRESH AIR,IF
BREATHING IS DIFFICULT, ADMINISTER OXYGEN; GIVE ARTIFICIAL
RESPIRATION IF BREATHING HAS STOPPED.

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

Extinguishing Media:WATER FOG
Fire Fighting Procedures:USE WATER TO KEEP FIRE-EXPOSED CONTAINERS
COOL;WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE
OPERATED IN PRESSURE DEMAND OR POSITIVE MODE.
Unusual Fire/Explosio

n Hazard:CAN REACT WITH CHEMICALLY REACTIVE METALS
SUCH AS ALUMINUM,ZINC,MAGNESIUM,ETC.

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

Spill Release Procedures:NEUTRALIZE & MOP UP SOLUTION.
Neutralizing Agent:WEAK ACID SUCH AS ACIDIC ACID,OR 6M-HYDROCHLORIC
ACID.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED.

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

Respiratory Protection:USE A NIOSH/MSHA APPROVED RESPIRATOR
Ventilation:PROVIDE SUFFICIENT MECHANICAL VENTILATION TO KEEP BELOW
TLV.
Protective Gloves:RUBBER,NEOPRENE,POLYVINYL CHLORIDE
Eye Protection:CHEMICAL SPLASH GOGGLES & FACE SHIELD
Other Protective Equipment:IMPERVIOUS CLOTHING & BOOTS
Supplemental Safety and Health

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

HCC:B1
Boiling Pt:=132.8C, 271.F
Vapor Pres:2
Spec Gravity:1.45
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR LIQUID

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

Stability Indicator/Materials to Avoid:YES
STRONG MINERAL ACIDS,ORGANIC MATERIALS,REACTIVE
METALS:ALUMINUM,ZINC,MAGENSIUM;STRONG ORGANIC ACIDS,COPPER.
Stability Condition to Avoid:NONE STATED
Hazardous Decomposition Products:NONE STATED.

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

Waste Disposal Methods:NEUTRALIZE WITH 6M-HYDROCHLORIC ACID & FLUSH
DOWN DRAIN WITH EXCE

SS WATER IN ACCORDANCE WITH APPLICABLE
REGULATIONS.

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