

FISHER SCIENTIFIC, CHEMICAL DIV. -- POTASSIUM HYDROXIDE 1 N AND 0.1 MEQ,DCA-307 --
6810-01-118-2613

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

Product ID:POTASSIUM HYDROXIDE 1 N AND 0.1 MEQ,DCA-307

MSDS Date:02/27/1992

FSC:6810

NIIN:01-118-2613

MSDS Number: BGMNZ

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100 OR 201-796-7523

Emergency Phone Num:201-

796-7100/800-424-9300(CHEMTREC)

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

Company Name:GERIN CORP

Address:1109 SEVENTH AVE

Box:City:NEPTUNE

State:NJ

ZIP:07753-5143

Country:US

Phone:908-774-3256

CAGE:96009

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

Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTEC

S #:TT2100000
Fraction by Wt: 0.1-5.8%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 ORAL RAT IS 273 MG/KG
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health
Hazards Acute and Chronic:ACUTE- MAY CAUSE SEVERE BURNS ON
CONTACT WITH ANY BODY TISSUE. DEEP ULCERATION MAY RESULT. CAN
DAMAGE EYES SEVERELY RESULTING IN BLINDNESS. BREATHING MISTS/FUMES
IS HIGHLY CORROSIVE & MAY CAUSE PULMON ARY EDEMA. ORAL:BURNS,
ULCERATION, PAIN.CHRONIC- MAY CAUSE INFLAMMATION, ULCERATION, GI
DISTURBANCES & DERMATITIS.
Effects of Overexposure:INHALATION OF VAPORS OR MISTS MAY CAUSE
RESPIRATORY TRACT IRRITATION, COUGHING, CHEST PAIN, TIGHTNESS IN
C
HEST, FROTHY SPUTUM, CYANOSIS. INGESTION CAN BURN MOUTH, THROAT,
STOMACH. CONTACT WITH EYES CA N CAUSE SEVERE IRRITATION, PAIN,
BURNS.SKIN CONTACT MAY CAUSE SEVERE IRRITATION, ULCERATION AND
BURNS.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND EYE DISORDERS
MAY BE MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid:GET MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN:IMMEDIATELY FLUSH
WITH WATER FOR AT LEAST 1

5 MINUTES. HOLD EYELIDS OPEN.

INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF CONSCIOUS, DRINK WATER/MILK. INDUCE VOMITING. AVOID GASTRIC LAVAGE/EMETICS. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A

SELF CONTAINED BREATHING APPARATUS IF NEEDED.

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

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

Spill Release Procedures:DO NOT TOUCH SPILLED MATERIAL. TAKE UP WITH SAND OR OTHER ADSORBENT MATERIAL AND PLACE INTO CONTAINERS FOR LATER DISPOSAL.

Neutralizing Agent:WEAK ACID

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

Handling and

Storage Precautions:STORE IN CLOSED CONTAINER AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:CAUTION. CORROSIVE. DO NOT BREATHE MISTS/VAPOR. KEEP AWAY FROM ACIDS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. KEEP AWAY FROM REACH OF CHILDREN.

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

Respiratory Protection:NIOSH APPROVED SUPPLIED AIR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS MAY BE WORN IF NEEDED.

Ventilation:ADEQUATE

Protective Gloves:NITRI

LE, PLASTIC

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:IMPERVIOUS PROTECTIVE CLOTHING SHOULD BE WORN TO PREVENT SKIN CONTACT.EYE WASH AND SAFETY EQUIPMENT SHOULD BE AVAILABLE.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:B1

Boiling Pt:B.P. Text:NOT KNOWN

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Vapor Pres

:NOT KNOWN
Vapor Density:NOT KNOWN
Spec Gravity:1.3
Evaporation Rate & Reference:NOT KNOWN
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS LIQUID

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

Stability Indicator/Materials to Avoid:YES
ACIDS, ALCOHOLS, HALOGENATED HYDROCARBONS, METALS, PHOSPHORUS,
POTASSIUM PERMANGANATE, SUGAR, WATER,POTASSIUM PERSULFATE
Stability Condition to Avoid:EXCESSIVE HEAT
Hazardous Decomposition Products:MAY FORM CORROSIVE FUMES
OF POTASSIUM
OXIDE.

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

Waste Disposal Methods:WASTE DISPOSAL TO BE PERFORMED IN COMPLIANCE
WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS.

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