

ALLIED CHEMICAL CORP. -- SODIUM HYDROXIDE SOLUTION,50% ELECTRONIC GR --
6810-00-181-7557

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

Product ID:SODIUM HYDROXIDE SOLUTION,50% ELECTRONIC GR

MSDS Date:01/01/1985

FSC:6810

NIIN:00-181-7557

MSDS Number: BDGKQ

=== Responsible Party ===

Company Name:ALLIED CHEMICAL CORP.

Address:COLUMBIA RD & PARK AVE

Box:1087R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

Emerge

ncy Phone Num:800-424-9300

CAGE:1L168

=== Contractor Identification ===

Company Name:ALLIED CHEMICAL COMPANY

Box:1087R

CAGE:1L168

Company Name:ALLIED-SIGNAL INC

Address:Box:2332R

City:MORRISTOWN

State:NJ

ZIP:07962-2332

Country:US

Phone:201-455-4414

CAGE:1L164

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

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 50%

OSHA PEL: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: 50%

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

Effects of Overexposure:SEVERE IRRITNT TO EYES,SKIN,BY INHALE,
INGESTION.MATL IS EXTREMELY CORROSIVE,SOME EFFECTS DELAYED.

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

First Aid:EYES:IMMED. FLUSH W H2O 15 MIN. SKIN:IMMED. FLUSH UNDER
SAFETY SHOWER.REMOVE CONTAMINATED CLOTHES.IMHALED:REMOVE TO FRESH
AIR,INGEST:
DO NOT INDUCE VOMITING.GIVE LG AMTS H2O OR MILK.FOLLOW
WITH DILUTE VINEGAR OR FRUIT JUICE.GET MEDICAL ATTN.

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

Extinguishing Media:FLOOW W WATER,TAKE CARE NOT TO SPLASH THIS MATERIAL
Fire Fighting Procedures:IF MISTY,WEAR SELF-CNTND BRTHG APPARATUS, FULL
PROTECTV CLOTH
Unusual Fire/Explosion Hazard:WILL REACT WITH METALS TO GENERATE H2
WHICH IS EXPLOSIVE AND FLAMMABLE.

===== Accidental Release Measure
s =====

Spill Release Procedures:PICK UP SPILL W ALKALI RESISTNT EQUIP FOR
DISPOSAL OR FLUSH TO HOLDING AREA W H2O.PERSONNEL MUST WEAR FULL
PROTECTV CLOTHING TO PREVENT CONTAC.ABUNDANT RUNNING WATER SHOULD
BE AVAILABLE FOR EMERGENCY USE.

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE.STORE
IN DRY PLACE;PROTECT AGAINST MOISTURE & H2O.SEPERATE FROM
ACIDS,METALS,EXPLOSVS, PEROX

IDES, COMBUSTIBLES.

Other Precautions: IMPORTANT TRAIN WORKERS PROPERLY. UNUSUAL PRECAUTIONS TO PREVENT SPILLS, LEAKAGE, EJECTIONS & MIST FORMATION. AVOID SKIN CONTACT WHEN HANDLING, WEAR GOGGLES OR FACE SHIELD.

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

Respiratory Protection: IF MISTY: SELF-CONTAINED BREATHING APP WITH FULL FACE PIECE; SUPPLIED AIR RESPIRATOR.

Ventilation: ALL HANDLING SHOULD BE DONE IN AN EXHAUSTED HOOD

Protective Gloves: RUBBER/NEOPRENE

Eye Protection: SAFETY GLASSES, FACE SHIELD

Other Protective Equipment: FACE SHIELD, EYE WASH, SAFETY SHOWER, FULL PROTECTIVE CLOTHING.

Supplemental Safety and Health

SYNONYM: CAUSTIC LYE SOLUTION, SODA LYE, SODIUM HYDROXIDE LIQUID.

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

HCC: B1

Boiling Pt: B.P. Text: 298F, 148C

Spec Gravity: 1.525

Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS, VISCOUS LIQUID. ODORLESS.

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

Stability Indicators

Materials to Avoid: YES

AVOID ACIDS, METALS, OXIDIZERS, ORGANICS, WATER REACTIVE MATERIAL

Hazardous Decomposition Products: AT BP (148C) HAZARDOUS MIST, AT DRUMNESS CAUSTIC RESIDUE LEFT.

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

Waste Disposal Methods: DISPOSAL SUBJECT TO FEDERAL, STATE & LOCAL REGULATIONS. USERS SHOULD REVIEW OPERATIONS FOR REGULATORY COMPLIANCE. CONSULT WITH APPROPRIATE AGENCY BEFORE DISPOSAL.

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