

ALLIED CHEMICAL CORP. -- SODIUM HYDROXIDE SOLUTION,50% SOLUTION -- 6810-01-051-3050

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Product Identification  
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Product ID:SODIUM HYDROXIDE SOLUTION,50% SOLUTION

MSDS Date:01/01/1985

FSC:6810

NIIN:01-051-3050

MSDS Number: BGJCF

=== Responsible Party ===

Company Name:ALLIED CHEMICAL CORP.

Address:COLUMBIA RD & PARK AVE

Box:1087R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

Emergency Phone N

um:800-522-8001

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

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Composition/Information on Ingredients  
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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

Ingredient Name: WATER  
CAS: 7732-18-5  
RTECS #: ZC0110000  
Fraction by Wt: 50%

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Hazards Identification  
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Effects of Overexposure: SEVERE IRRITANT TO EYES, SKIN, BY INHALATION, INGESTION. MATERIAL IS EXTREMELY CORROSIVE. SOME EFFECTS DELAYED.

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First Aid Measures  
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First Aid: EYES: IMMEDIATELY FLUSH WITH WATER 15 MIN. SKIN: IMMEDIATELY FLUSH UNDER SAFETY SHOWER. REMOVE CONTAMINATED CLOTHES. INHALED: REMOVE TO FRESH AIR. INGESTED: DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER OR MILK. FOLLOW WITH DILUTE VINEGAR OR FRUIT JUICE. GET MEDICAL ATTENTION.

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Fire Fighting Measures  
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Extinguishing Media: FLOOD WITH WATER, TAKE CARE NOT TO SPLASH THIS MATERIAL  
Fire Fighting Procedures: IF MISTY, WEAR SELF-CONTAINED BREATHING APPARATUS, FULL PROTECTIVE CLOTHING  
Unusual Fire/Explosion Hazard: WILL REACT WITH METALS TO GENERATE HYDROGEN WHICH IS EXPLOSIVE AND FLAMMABLE.

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Accidental Release Measures  
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Spill Release Procedures: PICK UP SPILL WITH ALKALINE RESISTANT EQUIPMENT FOR DISPOSAL OR FLUSH TO HOLDING AREA WITH WATER. NEUTRALIZE WITH DILUTE ACID & RINSE WITH WATER. PERSONNEL MUST WEAR FULL PROTECTIVE CLOTHING TO PREVENT CONTACT. ABUNDANT RUNNING WATER SHOULD BE AVAILABLE FOR EMERGENCY USE.

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Handling and Storage  
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Handling and Storage Precautions: PROTECT AGAINST PHYSICAL DAMAGE. STORE IN DRY PLACE; PROTECT AGAINST MOISTURE & WATER. SEPARATE FROM ACIDS, METALS, EXPLOSIVES, PEROXIDES, COMBUSTIBLES.  
Other Precautions: IMPORTANT TO TRAIN WORKERS PROPERLY. UNUSUAL PRECAUTIONS TO PREVENT SPILLS, LEAKAGE, EJECTIONS & MIST FORMATION. AVOID SKIN CONTACT WHEN HANDLING, WEAR GOGGLES OR FACE SHIELD.

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Exposure Controls/Personal Protection  
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Respiratory Protection: IF MISTY: SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE; SUPPLIED AIR RESPIRATOR.  
Ventilation: ALL HANDLING SHOULD BE DONE IN AN EXHAUSTED HOOD.  
Protective Goggles

loves:RUBBER/NEOPRENE

Eye Protection:SAFETY GLASSES,FACE SHLD

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

Supplemental Safety and Health

SYNONYM:CAUSTIC LYE SOLN,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 Indicator/Materials to Avoid:YES

AVOID ACIDS,METALS,OXIDIZERS,ORGANICS,WATER RACTV MATL.

Hazardous Decomposition Products:AT BP(148C)HAZARDOUS MIST,AT DRYNESS 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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