

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

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

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

=====
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

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

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

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

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

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 SMALL AMOUNTS OF WATER OR MILK. FOLLOW WITH DILUTE VINEGAR OR FRUIT JUICE. GET MEDICAL ATTENTION.

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

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.

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

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.

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

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.

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

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 Clothing

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.

Disclaimer (p

rovided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.