

ALLIED CHEMICAL CORP. -- SODIUM HYDROXIDE,FLAKE/PELLET -- 6810-00-043-1458

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

Product ID:SODIUM HYDROXIDE,FLAKE/PELLET

MSDS Date:01/01/1985

FSC:6810

NIIN:00-043-1458

MSDS Number: BCVXQ

=== Responsible Party ===

Company Name:ALLIED CHEMICAL CORP.

Address:COLUMBIA RD & PARK AVE

Box:1087R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

Emergency Phone Num:800-522-8001

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AGE: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: 97.0%

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

Effects of Overexposure:SKIN:MAY CAUSE SEV BURNS;EYES:RAPIDLY CAUSES SEV DAMAGE;INH:DUST/MIST MAY DAMAGE ENTIRE RESP TRACT.

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

First Aid:IMMED REMOVAL OF CAUSTIC IS OF PRIMARY IMPORTANCE;SKIN:FLUSH W/LG AMTS OF WATER FOR 1-2 HRS OR UNTIL MED HELP ARRIVES;EYES:FLUSH IMMED W/WATER FOR 15 MIN.GET MED HELP AT ONCE FOR EYES/SKIN BURNS;INH:REMOVE TO FRESH AIR.GET MEDIC

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

Flash Point:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:FLOOD W/WATER,USING CARE NOT TO SPLATTER OR SPLASH.  
Fire Fighting Procedures:USE NIOSH APPRVD SELF-CNTND BRTHG APP & FULL PROTEC CLOTHING  
Unusual Fire/Explosion Hazard:GIVES H<sub>2</sub> GAS WHEN IN CONTACT W/AL,LEAD,TIN, ZINC & THEIR ALLOYS;CONTACT W/WATER OR SEE SUPPL DAT

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

Spill Release Procedures:IMMED SWEEP UP,REMOVE & PLACE IN CLOSED CONTNR,PROVIDING STAFF PROTECTION & AVOID CONTACT W/METALS.DISSOLVE/NEUTRALIZE & FLUSH AWAY REMAINS.KEEPING OUT OF SEWER.USE W/CARE DIL ACETIC ACID TO NEUTRALIZE CAUSTIC TRACES.IF GIVES H<sub>2</sub> EVAC/VENTAREA.

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

Handling and Storage Precautions:DO NOT MIX HOT WATER W/CAUSTIC SODA.ADD CAUSTIC TO COLD WATER W/STIRRING AS HEAT IS EVOLVED IN NEUTRALIZING.AVOID SPATTERING THE SOLN.  
Other Precautions:FOR FURTHER DETAILS SEE MCA CHEM SAFETY DATA SHEET SD-9 AVAILABLE FM MFGR CHEMISTS ASSOC,1825 CONNECTICUT AVE,NW WASH DC. PRECAUTIONS LISTED IN THIS SHEET APPLY ALSO TO AQUEOUS SOLUTIONS.

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

Respiratory Protection:USE SPECIAL(MECH)FILTER RESP FOR MIST/DUST.IF H<sub>2</sub> GAS\*SEE SUPP DATA  
Ventilation:LOCAL EXH:AS NEEDED TO ELIM DUST/MIST;MECH(GEN):IF NOT

/DUSTY

Protective Gloves:RUBBER/NEOPRENE

Eye Protection:CHEM SAFETY GOGGLES

Other Protective Equipment:FACE SHLD,HARD HATS,RUBBER APRON,RUBBER  
BOOTS/CLOTH AS REQD.

Supplemental Safety and Health

\*\*UNUSUAL FIRE:OR MOISTURE MAY GIVE SUFF HEAT TO IGNITE COMBUSTIBLE  
MATLS. \*RESP PROTEC:IS BEING PRODUCES,USE HOSE MASK/SELF CNTND  
BRTHG APP;PRODUCT IN FLAKE FORM.

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

HCC:B1

Spec Gravity:2.13

Solubility in Water:APPRECIABLE

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pppearance and Odor:WHITE FLAKES WITH NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS,ACIDS & FLAMMABLE MATL,REACTIVE METALS & SA

Stability Condition to Avoid:HUMID AREA

Hazardous Decomposition Products:H\*2 GAS IN CONTACT

W/ALUMINUM,ZINC,TIN,LEAD & THEIR ALLOYS

Conditions to Avoid Polymerization:UNK

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

Waste Disposal Methods:IF DISPOSAL

REGS PERMIT DISCHARGE OF NEUTRAL

SOLNS;DISSOLVE IN WATER,COOL & NEUTRALIZE CAREFULLY W/DILUTE

ACID,SUCH AS ACETIC ACID,THEN FLUSH TO SEWER W/WATER.DISPOSAL BY A

LICENSED CONTRACTOR MAY OTH ERWISE BE NEEDED.

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