

ALLIED CHEMICAL CORP -- SODIUM HYDROXIDE,FLAKE/PELLET -- 6810-00-174-6581

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

Product ID:SODIUM HYDROXIDE,FLAKE/PELLET

MSDS Date:01/01/1985

FSC:6810

NIIN:00-174-6581

MSDS Number: BDFPX

=== 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

CAGE:1L168

=== Contractor Identification ===

Company Name:ALLIED CHE

MICAL 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%

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

Effects of Over

exposure: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/COPIOUS AMTS WATER FOR 15 MIN.GET MED HELP AT ONCE FOR
EYES/SKI N 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 H2 GAS WHEN IN CONTACT
W/AL,LEAD,TIN, ZINC & THERI ALLOYS;CONTACT W/WATER OR SEE SUPP
DATA.

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

Spill Release Procedures:IMMED SWEEP UP,REMOVE & PLACE IN C
LOSED
CONTNR,PROVIDING STAFF PROTECTION & AVOID CONTACT
W/METALS.DISSOLVE/NEUTRALIZE & FLUSH AWAY REMIANDER,KEEPING OUT OF
SEWER.USE W/CARE DIL ACETIC ACID TO NEUTRAL IZE CAUSTIC TRACES.IF
GIVES H*2 EVAC/VENT AREA.

===== 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.HEAT IS
EVLOVED IN NEUTRALIZING.AVOID SPATTERING THE SOLN
Other P
recautions: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 DATA SHEET APPLY ALSO TO AQUEOUS
SOLUTIONS.

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

Respiratory Protection:USE SPECIAL(MECH)FILTER RESP FOR MIST/DUST.IF
H*2 GAS*SEE SUPP DATA
Ventilation:LOCAL EXH:AS NEEDED TO ELIM DUST/MIST;MECH(GEN:IF NOT DUSTY
Protective Gloves:RUBBER/NEOPRENE
Eye Protectio

n: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 PRODUCED,USE HOSE MASK/SELF CNTND BRTHG
APP;PRODUCT IS IN FLAKE FORM,TYPE I UNDER O-S-598

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

HCC:B1

Spec Gravity:2.13

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE FLAKES W
ITH 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,XZINC,TIN,LEAD & THERI ALLOYS.

Conditions to Avoid Polymerization:UNK

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

Waste Disposal Methods:IF DISPOSAL REGS PERMIT DISCHARGE OF NEUTRA
L

SOLNS,DISSOLVE IN WATER,COOL & NEUTRALIZE CAREFULL W/DILUTE
ACID,SUCH AS ACETIC ACID.THEN FLUSH TO SEWER W/WATER.DISPOSAL BY A
LICENSED CONTRACTOR MAY OTHE RWISE BE NEEDED.

Disclaimer (provided 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 u
se. 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.