

ALLIED CHEMICAL CORP -- SODIUM HYDROXIDE,FLAKE/PELLET -- 6810-00-234-8373

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

Product ID:SODIUM HYDROXIDE,FLAKE/PELLET

MSDS Date:01/01/1985

FSC:6810

NIIN:00-234-8373

MSDS Number: BDLML

=== 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:800-424-9300

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 Ove

reexposure: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 AT LEAST 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 H₂ GAS WHEN IN CONTACT
W/AL,LEAD,TIN, ZINC & THEIR ALLOYS;CONTACT W/WATER OR SEE SUPPL
DATA

===== 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 REMAINDER,KEEPING OUT OF
SEWER.USE W/CARE DIL ACETIC ACID TO NEUTRAL IZE CAUSTIC TRACES.IF
GIVES H₂ 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 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 DATA SHEET APPLY ALSO TO AQUEOUS
SOLUTIONS.

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

Respiratory Protection:USE SPECIAL(MECH)FILTER RESP FOR MIST/DUST.IF
H₂ GAS*SEE SUPP DATA*
Ventilation:LOCAL EXH:AS NEEDED TO ELIM DUST/MIST;MECH(GEN):IF NOT
DUSTY
Protective Gloves:RUBBER/NEOPREN

E
Eye Protection:CHEM SAFETY GOGGLES

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

Supplemental Safety and Health

**UNUSUAL FIRE:OR MOISTURE MAY GIVE SUFFF HEAT TO IGNITE COMBUSTIBLE
MATLS. *RESP PROTEC:IS BEING PRODUCED,USE HOSE MASK/SELF CNTND
BRTHG APP.PRODUCT IN PELLET FORM,UNDER FED SPEC O-C-265

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

HCC:B1

Spec Gravity:2.13

Solubility in Water:APPRECIABLE

Appearance and Od

or:WHITE FLAKES OR PELLETS WITH NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRON OXIDIZERS,ACIDS & FLAMMABLE MATL,REACTIVE METALS &SALT

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/LOTS OF

WATER.DISPOSAL BY A LICENSED CONTRACTOR MAY OTHERWISE BE NEEDED.

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