

ALLIED CHEMICAL CORP. -- SODIUM HYROXIDE,FLAKE/PELLET -- 6810-00-043-1459

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

Product ID:SODIUM HYROXIDE,FLAKE/PELLET

MSDS Date:01/01/1985

FSC:6810

NIIN:00-043-1459

MSDS Number: BCVXR

=== 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

CAG

E: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%

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:NNE
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 SUPP 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 SOLN.
Other Precautions:FOR FURTHER DETALS 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/D

USTY
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 PRODUCED,USE HOSE MASK/SELF CNTND BRTHG
APP.PRODUCT IN FLAKE FORM.

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

HCC:B1
Spec Gravity:2.13
Solubility in Water:APPRECIABLE
Appe
arance 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 RE
GS 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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