

DOW CHEMICAL U.S.A. -- SODIUM HYDROXIDE SOLUTION -- 6810-00-181-7557

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Product Identification
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Product ID:SODIUM HYDROXIDE SOLUTION

MSDS Date:01/01/1985

FSC:6810

NIIN:00-181-7557

MSDS Number: BDGKR

=== Responsible Party ===

Company Name:DOW CHEMICAL U.S.A.

Address:CHEMICAL AND METALS DEPARTMENT

City:MIDLAND

State:MI

ZIP:48674

Country:US

Info Phone Num:517-636-4400

Emergency Phone Num:517

-636-4400

CAGE:96717

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:800-258-2436

CAGE:96717

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Composition/Information on Ingredients
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Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction b

y Wt: 50.0%
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 50.0%

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First Aid Measures
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First Aid:INHALATION:IF ANY ILLNESS OCCURS GET PATIENT TO CLEAN FRESH AIR,KEEP HIM QUIET & WARM & GET MDICAL ATTENTION.SKIN & EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 30 MINUTES.IF MEDICAL ATTEN TION HAS NOT ARRIVED CONTINUE FOR SE COND30 MINS.

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Fire Fighting Measures
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Flash Point:N.A.
Unusual Fire/Explosion Hazard:IN WATER SOLUTION CAUSTIC CAN REACT WITH AMPHOTERIC METALS(SUCH AS ALUMINUM) GENERATING H2,EXPLOS.

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Accidental Release Measures
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Spill Release Procedures:FLUSH WITH WATER.NEUTRALIZE WITH HCL.WIPE WITH MOP OR USE WATER VACUUM.DRAIN INTO AN APPROVED STORAGE CONTAINERS FOR CORROSIVE LIQUIDS.

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Handling and Storage
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Handling and Storage Precautions:AVOID EYE & SKIN CONTACT.PRODUCT IS LIQUID CAUSTIC & ABSORBS H2O & CO2 FROM AIR.KEEP CONTAINERS CLOSED & SEALED. SOLUTION W/WATER GENERATES HEAT,MIS
Other Precautions:SOLUTIONS OF > 45 % ARE VISCOUS & VERY SLIPPERY.

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Exposure Controls/Personal Protection
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Respiratory Protection:MIST RESPIRATOR
Protective Gloves:IMPERVIOUS GLVS
Eye Protection:CHEMICAL GOGGLES
Other Protective Equi

ment:FULL FACE SHIELD TO PROTECT
FACE,APRONS,BOOTS, GAUNTLETS.

Supplemental Safety and Health

THE DISTRIBUTOR CHEMICAL COMMODITIES AGENCY TOOK DOW CHEMICALMSDS FOR
SOLID CAUSTIC SODA AND DILUTED IT WITH WATER TO MAKE A 50% SODIUM
HYDROXIDE SOLUTION WHICH IS THE ABOVE ITEM(SODIUM HYDROX

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

HCC:B1

Appearance and Odor:WHITE LIQUID.

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

Stability Indicato

r/Materials to Avoid:YES

ACID.PRODUCT IS STRONG CAUSTIC ALKALI

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

Waste Disposal Methods:PUT INTO LARGE VESSEL CONTAINING
WATER.NEUTRALIZE WITH HCL.DISCHARGE INTO AN APPROVED STORAGE
CONTAINER FOR CORROSIVES FOR SHIPMENT TO AN APPROVED DISPOSAL AREA.

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