



CAUSTIC SODA SOLUTION 50%,PROD CODE 15216

MSDS Number

BBDCR

National Stock Number

6810-00D000666

Product Name

CAUSTIC SODA SOLUTION 50%,PROD CODE 15216

Manufacturer

DOW CHEMICAL U S A

Product Identification

Product ID:CAUSTIC SODA SOLUTION 50%,PROD CODE 15216

MSDS Date:01/01/1985

FSC:6810

NIIN:00D000666

MSDS Number: BBDCR

Responsible Party

DOW CHEMICAL U.S.A.

2020 DOW CENTER

MIDLAND , MI 48640-6030

US

Cage: 96717

Contractor

DOW CHEMICAL CO

MIDLAND, MI 48674

US

800-258-2436

Cage: 96717

Ingredients

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 50 - 55%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

Fraction By Weight: 50%

Hazards

Effects of Overexposure:SKIN,EYES:CORR;REDNESS,PAIN,SKIN BURNS
INHALED/INGESTION:PUNGET,COUGHING,SORE THROAT, DIFF. BRTHG.

First Aid



First Aid:EYES/SKIN:FLUSH IMMED W/WATER FOR 30 MIN.GET PROMPT MED
ATTN.REMOVE CLOTHING IMMED.DESTROY CONTAM SHOES.WASH CLOTHS BEFORE
REUSE.INHAL:MOVE TO FRESH AIR.INGEST.INGEST:DO NOT INDUCE
VOMIT.GIVE LGE AMT WATER OR MILK.GET TO DR.

Fire Fighting

Flash Point:NONE
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:IN WATER SOLN CAUSTIC MAY REACT
W/AMPHOTERIC METL (EX:ALUMINUM)GENERATING HYDROGEN-IS
FLAM/EXPLOSIVE

Accidental Release

Spill Release Procedures:ONLY TRAINED & PROPERLY PROTECTED PERSONNEL
SHOULD CLEAN UP SPILL.CAREFULLY DILUTE & NEUTRALIZE WITH DILUTE
ACID,PREFERABLY ACETIC ACID.

Handling

Handling and Storage Precautions:PREVENT EYES/SKIN CONTACT DO NOT
BREATHE MIST.AVOID STORING NEXT TO ACIDS.DISSOLVING IN H2O & OTHER
SUBSTANCES GENERATES EXCESS HEAT,SPLATTERING,MISTS
Other Precautions:PRODUCT ABSORBS CARBON DIOXIDE FROM AIR.SOLUTIONS
GREATER THAN 45% ARE VISCOUS & SLIPPERY.

Exposure Controls

Respiratory Protection:DUST/MIST RESPIR
Ventilation:LOCAL EXHAUST TO ELIMINATE MISTS/FUMES/GASES.
Protective Gloves:IMPERVIOUS
Eye Protection:CHEM SPLASH GOGGLES
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE
WASH STATION
Supplemental Safety and Health
MFR MSDS DATED 11/7/79.

Chemical Properties

HCC:C2
Boiling Pt:B.P. Text:293F,145C
Vapor Pres:1.5
Vapor Density:UNK
Spec Gravity:1.52
Solubility in Water:WATER SOLN
Appearance and Odor:COLORLESS TO SLIGHTLY COLORED LIQUID,NO ODOR
Percent Volatiles by Volume:LOW

Stability

Stability Indicator/Materials to Avoid:YES
WATER & ACIDS,NUMB OF ORGANICS,AMPHOTERIC METALS(AL),HOT H2O
Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE &
DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE
INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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