

ANACHEMIA CHEMICALS INC -- SODIUM HYDROXIDE 5-10% W/V SOLUTIONS -- 6810-00-985-7093

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Product Identification
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Product ID:SODIUM HYDROXIDE 5-10% W/V SOLUTIONS

MSDS Date:05/06/1991

FSC:6810

NIIN:00-985-7093

MSDS Number: BQSHQ

=== Responsible Party ===

Company Name:ANACHEMIA CHEMICALS INC

Address:3 LINCOLN BLVD

City:ROUSES POINT

State:NY

ZIP:12979

Country:US

Info Phone Num:518-297-4444

Emer

gency Phone Num:518-297-4444

Preparer's Name:MSDS DEPT

CAGE:4A444

=== Contractor Identification ===

Company Name:ANACHEMIA CHEMICALS INC

Address:3 LINCOLN BLVD

Box:City:ROUSES POINT

State:NY

ZIP:12979

Country:US

Phone:518-297-4444

CAGE:4A444

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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 by Wt: 5-10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:100

0 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 90-95%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE
RESPIRATORY IRRITATION. CONTACT WITH SKIN AND EYES MAY CAUSE BURNS
OR IRRITATION, EYE DAMAGE. INGESTION MAY CAUSE S
EVERE GI TRACT
IRRITATION OR BURNS. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY
CAUSE DERMATITIS.
Explanation of Carcinogenicity:SODIUM HYDROXIDE IS NOT LISTED AS A
CARCINOGEN BY NTP, IARC, OR OSHA.
Effects of Overexposure:INHALED: COUGHING, SNEEZING, WHEEZING,
SHORTNESS OF BREATH, TIGHTNESS IN CHEST. EYES: PAIN, BURNS, CLOUDY
VISION, TEARING, REDNESS, SWELLING. SKIN: PAIN, SWELLING, BURNS,
BLISTERS, ULCERATIONS, SCARS. INGESTED: BURNS TO MOUTH, THROAT,
ESOPHAGUS, &
STOMACH; PAIN, NAUSEA, VOMITING, DIARRHEA, ABDOMINAL
PAIN.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:INHALED: MOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING
DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. SEE
DOCTOR. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS
OPEN. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHE. FLUSHWITH
WATER UNTIL RESIDUE GONE.
SEE DOCTOR IF BURNED. INGESTED: DO NOT
INDUCE VOMITING! IF CONSCIOUS, GIVE 1-2 GLASSES WATER. GET
IMMEDIATE MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:CONTACT WITH METALS PRODUCES HYDROGEN GAS
WHICH IS FLAMMABLE AND/OR EXPLOSIVE WHEN IGNITE

D. EMITS TOXIC FUMES
UNDER FIRE CONDITIONS.

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

Spill Release Procedures: VENTILATE AREA. WEAR PROPER PROTECTIVE CLOTHING AND EQUIPMENT. CONTROL SPILL. NEUTRALIZE IF REQUIRED WITH DILUTE HYDROCHLORIC OR SULFURIC ACID. ABSORB WITH INERT MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL. AVOID RUNOFF INTO WATERWAYS/SEWERS.

Neutralizing Agent: DILUTE HYDROCHLORIC OR SULFURIC ACID.

===== Handling
and Storage =====

Handling and Storage Precautions: STORE IN A COOL, DRY PLACE AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS. STORE IN A WELL VENTILATED AREA. KEEP TIGHTLY CLOSED.

Other Precautions: EMPTY CONTAINER MAY CONTAIN HAZARDOUS RESIDUE. DO NOT WASH DOWN THE DRAIN. DO NOT ADD ANY OTHER MATERIAL TO THE CONTAINER. DO NOT GET IN EYES, ON SKIN OR CLOTHES. DO NOT ALLOW SMOKING & FOOD CONSUMPTION WHILE HANDLING.

===== Exposure Control
Is/Personal Protection =====

Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation: USE ONLY IN A CHEMICAL FUME HOOD. MAINTAIN ADEQUATE VENTILATION TO KEEP VAPOR BELOW TLV.

Protective Gloves: NITRILE

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWER. APRON,

RUBBER BOOTS, CLOTHING SUCH AS COVERALLS TO PROVIDE "FULL COVERAGE" OF SKIN.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

SPCC REFERENCE CODE: 8723-0021.

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

HCC: B1

pH: >7

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR TO SLIGHTLY TURBID, ODORLESS LIQUID

===== Stabi

lity and Reactivity Data =====

Stability Indicator/Materials to Avoid:NO

ACIDS, WATER, FLAMMABLE/COMBUSTIBLE MATERIALS, PEROXIDES,
ORGANOHALOGENS, METALS, NITRO & CHLORO COMPOUNDS, ACROLEIN

Stability Condition to Avoid:CONTACT WITH INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products:SODIUM CARBONATE, SODIUM OXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATION

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