

FISHER SCIENTIFIC, CHEMICAL DIV. -- SODA LIME -- 6810-00-174-5165

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Product Identification  
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Product ID:SODA LIME

MSDS Date:06/30/1994

FSC:6810

NIIN:00-174-5165

MSDS Number: BXFPR

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100 OR 201-796-7523

Emergency Phone Num:201-796

-7100/800-424-9300(CHEMTREC)

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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Composition/Information on Ingredients  
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Ingred Name:CALCIUM OXIDE

CAS:1305-78-8

RTECS #:EW3100000

Fraction by Wt: 62-91%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:2 MG/M3; 9192

Ingred Name:SODIUM HYDROXIDE (SARA III

)  
CAS:1310-73-2  
RTECS #:WB4900000  
Fraction by Wt: 5-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 6-18%  
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:IN  
HALATION-MAY CAUSE SEVER IRRITATION  
OF THE MUCOUS MEMBRANE. SKIN-CONTACT WITH MOIST SKIN MAY CAUSE  
SEVERE IRRITATION. EYE-MAY BE SEVERE IRRITATION, EDEMA, HYPERMIA,  
PAIN, LACRAMATION, BLURRED VISION .  
Explanation of Carcinogenicity:NOT CARCINOGENIC.  
Effects of Overexposure:INHALATION-SORE THROAT, COUGHING & DYSPNEA.  
SKINCONTACT WITH MOIST SKIN MAY CAUSE REDNESS, BURNS & ULCERATIONS.  
INGESTION-MAY CAUSE A BURNING SENSATION IN THE MOUTH, CORROSION OF  
THE LIP, MOUTH, TONGU E  
AND PHARYNX & SEVER ESOPHAGEAL & ABDOMINAL  
PAIN, VOMITING OF BLOOD & LARGE PIECES OF MUCOSA.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION-MOVE TO FRESH AIR IMMEDIATELY. PERFORM CPR IF  
NEEDED. KEEP WARM & AT REST. SKIN-REMOVE SOILED CLOTHING. WASH WITH  
SOAP OR MILD DETERGENT & LARGE AMOUNTS OF WATER FOR AT LEAST 15-20  
MIN. COV ER WITH STERILE, DRY, LOOSE FITTING DRES

SING. GET MEDICAL

AID. EYE-WASH WITH LARGE AMOUNTS OF WATER FOR 15-20 MIN.

INGESTION-GIVE LARGE AMOUNTS OF WATER OR MILK IMMEDIATELY. ALLOW VOMITING TO OCCUR.

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Fire Fighting Measures  
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Flash Point:NEGLIGIBLE

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR REGULAR FOAM. FOR LARGER FIRE, USE WATER SPRAY, FOG OR REGULAR FOAM.

Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA IF YOU CAN DO WITHOUT RISK. APPLY

COOLING WATER TO SIDES OF CONTAINER THAT ARE EXPOSED TO FLAME UNTIL WELL AFTER FIRE IS OUT.

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME. CONTACT WITH WATER MAY GENERATE ENOUGH HEAT TO IGNITE COMBUSTIBLE MATERIAL.

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Accidental Release Measures  
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Spill Release Procedures:DO NOT TOUCH SPILLED MATERIAL. STOP LEAK WITHOUT RISK. FOR SMALL SPILLS, TAKE UP WITH SAND OR OTHER ABSORBENT MATERIAL & PLACE INTO C

ONTAINER FOR LATER DISPOSAL. FOR SMALL DRY SPILLS, WITH CLEAN SHOVEL PLACE MATERIAL INTO CLEAN, DRY CONTAINER & COVER

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE SUBSTANCE.

Other Precautions:MAY BURN BUT DOES NOT IGNITE READILY. FLAMMABLE, POISONOUS GASES MAY ACCUMULATE IN TANKS AND HOPPER CARS. MAY IGNITE COMBUSTIBLES (WOOD, PAPER, OIL, ETC.).

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Exposure Controls/Personal Protection  
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Respiratory Protection:ANY TYPE "C" SUPPLIED RESPIRATOR WITH A FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE WITH A FULL FACEPIECE, HELMET OR HOOD OPERATED IN CONTINUOUS FLOW.

Ventilation:PROVIDE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves:WEAR APPROPRIATE PROTECTIVE GLOVES.

Eye Protection:WEAR SPLASH PROOF/DUST RESISTANT

GLOVES

Other Protective Equipment:WEAR APPROPRIATE PROTECTIVE CLOTHING & EQUIPMENT TO PREVENT ANY POSSIBILITY OF SKIN CONTACT WITH THIS SUBSTANCE.

Work Hygienic Practices:EYEWASH FOUNTAIN AND QUICK DRENCH SHOWER WITHIN THE IMMEDIATE WORK AREA FOR EMERGENCY USE.

Supplemental Safety and Health  
NONE

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

HCC:B1

pH:BASIC

Solubility in Water:REACTS.

Appearance and Odor:HYGROSCOPIC, WHITE OR GRAYISH WHITE GRANULES.

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

Stability Indicator/Materials to Avoid:YES

ACIDS, ALUMINUM., AMMONIUM SALTS, HYDROGEN SULFIDE, TIN, ZINC.

Stability Condition to Avoid:THIS SUBSTANCE IS A STRONG BASE. IT REACT EXOTHERMICALLY WITH WATER PRODUCING ALKALINE CORROSIVE SOLUTIONS.

Hazardous Decomposition Products:MAY RELEASE ACRID SMOKE & IRRITATING FUMES & TOXIC FUMES OF SODIUM OXIDE, WHICH CAN REACT WITH WATER OR STEAM.

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

Waste Disposal Methods:OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS WHEN STORING OR DISPOSING OF THIS SUBSTANCE.

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