

MINE SAFETY APPLIANCES CO DBA MSA -- SODA LIME -- 4240-00-491-0494

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Product Identification
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Product ID:SODA LIME

MSDS Date:01/01/1990

FSC:4240

NIIN:00-491-0494

MSDS Number: CHHNM

=== Responsible Party ===

Company Name:MINE SAFETY APPLIANCES CO DBA MSA

Address:3880 MEADOWBROOK RD

City:MURRYSVILLE

State:PA

ZIP:15668-1753

Country:US

Info Phone Num:412-325-1313

Emergency Phone Num:412-325-13

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CAGE:55799

=== Contractor Identification ===

Company Name:MINE SAFETY APPLIANCES CO DBA MSA

Address:3880 MEADOWBROOK RD

Box:City:MURRYSVILLE

State:PA

ZIP:15668-1753

Country:US

Phone:724-733-9272

CAGE:55799

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

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 5-12%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred N

ame:CALCIUM HYDROXIDE
CAS:1305-62-0
RTECS #:EW2800000
Fraction by Wt: 70-90%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:5 MG/M3; 9596

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 5-15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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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 H

azards Acute and Chronic:EYE:SEVERE DAMAGE. LIME BURNS.
SKIN:SKIN SENSITIZATION. SEVERE BURNS WITH DEEP ULCERATION.
INHALATION:DANGEROUS TO LIFE AND HEALTH. INGESTION:SEVERE
ABDOMINAL PAIN, CORROSION OF LIPS, MOUTH, TONGUE , PHARYNX.
Effects of Overexposure:EYES: EDEMA AND ULCERATION. SKIN: BURNS.
INHALATION: IRRITATION. INGESTION: VOMITING OF CHUNKS OF MUCOUS.
Medical Cond Aggravated by Exposure:NO INFORMATION.

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===== First Aid Measures =====
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First Aid:EYES:HOLD EYELIDS OPEN AND FLUSH WITH PLENTY OF WATER FOR 15
MIN. LIGT UPPER AND LOWER EYELIDS TO FLUSH UNDERLID AREAS.
SKIN:REMOVE CONTAMINATED CLOTHING IMMEDIATELY. WASH AFFECTED AREAS
WITH SOAP AND LARGE AMOUNTS OF WATER FOR 15-20 MIN. TO COMPLETELY
REMOVE CHEMICAL. INHALATION:REMOVE VICTIM TO FRESH AIR. ASSIST W/
BREATHING SUPPORT MEASURES. INGESTION:IF VICTIM CONSCIOUS, GIVE 2
GLASSES WATER.

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

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Flash Point:NON-FLAMMABLE

Extinguishing Media:WATER SPRAY, FOAM.

Fire Fighting Procedures:WEAR PRESSURE DEMAND SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE AND IMPERVIOUS COVERING.

Unusual Fire/Explosion Hazard:WATER MAY LEACH SODIUM HYDROXIDE FROM SODA LIME PRODUCING A CAUSTIC RUN-OFF SOLUTION. AVOID SKIN CONTACT WITH RUN-OFF WATER.

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

Spill Release Procedures:WEAR RECOMMENDED PROTECTIVE GEA

R. CLEAN-UP ON

A DRY BASIS. SHOVEL MATERIAL INTO A CLEAN DRY CONTAINER AND COVER.

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

Handling and Storage Precautions:STORE IN A CLOSED CONTAINER IN A COOL, DRY PLACE.

Other Precautions:NONE

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROVED RESPIRATOR FOR SODIUM HYDROXIDE DUST.

Ventilation:USE WITH ADEQUATE VENTILATION TO AVOID DUST CONDITIONS.

Protective Glove

s:CHEMICAL RESISTANT AND WATER IMPERVIOUS.

Eye Protection:CHEMICAL PROTECTIVE GOGGLES.

Other Protective Equipment:IMPERVIOUS CLOTHING.

Supplemental Safety and Health

NONE

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

HCC:B1

Spec Gravity:2.3

pH:SOLID

Solubility in Water:135 MG/100CM3 @ 32F

Appearance and Odor:WHITE GRANULES, ODORLESS.

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

STRONG ACIDS AND HALOGENATED HYDROCARBONS.

===== Dis

posal Considerations =====

Waste Disposal Methods:DISPOSAL SHOULD BE CARRIED OUT BY A PERMITTED FACILITY EQUIPPED TO HANDLE CORROSIVE WASTE.

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