

LUGO O C INC -- SOFNOLIME;SODA LIME

=====  
MSDS Safety Information  
=====

FSC: 6505  
NIIN: 00-687-3564  
MSDS Date: 08/28/1994  
MSDS Num: BHJJY  
Product ID: SOFNOLIME;SODA LIME  
MFN: 01  
Responsible Party  
Cage: 0FMB1  
Name: LUGO O C CO INC  
Address: 42 BURD STREET  
Box: 166  
City: NYACK (FORMALLY IN SPR  
ING VALLEY) NY 10960  
Info Phone Number: 914-353-7711  
Emergency Phone Number: 914-353-7711  
Preparer's Name: MR.JAMES O.LUGO  
Review Ind: Y  
Published: Y

=====  
Contractor Summary  
=====

Cage: 0FMB1  
Name: LUGO O C CO INC THE (OCLCO)  
Address: 321 MAIN ST  
City: NEW CITY NY 10956-4307  
Phone: 845-708-7080; FAX845-708-7081

=====  
Item Description Information  
=====

Item Name: SODA LIME,NF  
Specification Number: UNKNOWN  
Unit of Issue: CN  
UI Container Qty: 1  
Type of Container: PAIL

=====  
Ingredients  
=====

Cas: 1310-73-2  
RTECS #: WB4900000  
Name: SODIUM HYDROXIDE (CERCLA)  
% Wt: 3  
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  
---

-----  
Cas: 1305-62-0  
RTECS #: EW2800000  
Name: CALCIUM HYDROXIDE  
% Wt: >75  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 15 MG/M3 TDUST  
ACGIH TLV: 5 MG/M3; 9596  
-----

Name: INDICATOR (PH SENSITIVE DYE.)  
% Wt: 0.02  
Other REC Limits: NOT ESTABLISHED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED

=====  
Health Hazards Data  
=====

LD50 LC50 Mixture:  
LD50 RAT-NAOH 500MG/KG;CA(OH)2 7.3G/KG  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: CAN CAUSE BURNS TO EYE/SKIN.  
Explanation Of Carcinogenicity: DATA PER MGF MSDS.  
Signs And Symptions Of Overexposure: BURNS EYE/SKIN  
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.  
First Aid: INHAL:REMOVE FROM EXPOSURE.OBTAIN MED ATTN IF DISCOMFORT  
PERSISTS.SKIN:DRENCH W/CLEAN WATER.OBTAIN MED ATTN IF SK  
IN BECOMES  
INFLAMATED.EYE:IRRIGATE THOROUGHLY W/CLEAN WATER.OBTAIN MED ATTN.INGEST:WASH  
OUT MOUTH THOROUHGLY.OBTAIN MED ATTN.

=====  
Handling and Disposal  
=====

Spill Release Procedures: AVOID INHALING DUST.AVOID SKIN/EYE CONTACT.ENVIRO  
PRECAUTIONS-NO HAZARD.RECOVERY-CONTAIN MATL.SWEEP OR VACUUM UP.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Methods: NO RISK OF PROLON

GED DMG TO ANIMAL OR PLANT

LIFE.CONVERTS TO NATURALLY OCCURING MINERALS.INCINERATION OR LANDFILL IN ACCORDANCE WITH LOCAL REGULATIONS.MATERIALS NOT INCINERATED AMYN ALKALINE.

Handling And Storage Precautions: STORE IN CLEAN DRY ENVIRO.AVOID DIRECT SUNLIGHT OR TEMPERATURES IN EXCESS OF 70C.KEEP CONTAINER CLOSED.

Other Precautions: THE INTENDED USE OF PRODU IS AS AN ABSORBENT FOR CARBON DIOXIDE ADN OTHER ACIDIC GASES.ITS SUITABLE FOR USE IN ANAESTHETIC EPQMT,HYPERARLO SYS,BREATH APPARATU S,DIVING EPQMT,AIR PURIFICATION SYS & AS G ENERAL INDUSTRIAL REAGENT.

=====  
Fire and Explosion Hazard Information  
=====

Extinguishing Media: WATER, FOAM, CO2 AND POWDER ARE ALL SUITABLE.

Fire Fighting Procedures: BREATHING APPARATUS MAY BE NEEDED.

Unusual Fire/Explosion Hazard: MATERIAL IS NON-COMBUSTIBLE.PACKAGING MAY BE COMBUSTIBLE.

=====  
= Control Measures  
=====

Respiratory Protection: NUISANCE DUST MASK RECOMMENDED.

Ventilation: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: GENERAL PURPOSE RUBBER GLOVES

Eye Protection: GLASSES TO PROTECT AGAINST DUST

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: WASH AFTER SKIN CONTACT.

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

HCC: B1

Spec Gravity: 0.9G/CM3

PH: 12-14

Solubility in Water: SLIGHT

Appearance and Odor: WHITE OR COLORED SOLIDS, NO ODOR

=====  
Reactivity Data  
=====

Stability Indicator: YES

Stability Condition To Avoid: CONVERTS TO CALCIUM AND SODIUM CARBONATE WHEN EXPOSED TO AIR.

Materials To Avoid: AVOID CONTACT W/CHLOROFORM OR TRICHLOROETHYLENE.HEAT IS GENERATED WHEN EXPO TO AC

IDS.  
Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.

=====  
Toxicological Information  
=====

=====  
Ecological Information  
=====

=====  
MSDS Transport Information  
=====

=====  
Regulatory Information  
=====

=====  
Other Information  
=====

=====  
Transportation Information  
=====

Responsible Party Cage: 0FMB1  
Trans ID NO: 82416  
Product ID: SOFNOLIME;SODA LIME  
MSDS Prepared Date: 08/28/1994  
Review Date: 10/22/1998  
MFN: 1  
Net Unit Weight: 37 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: CN  
Container QTY: 1  
Type Of Container: PAIL  
Additional Data: PER MSDS:TRANSP CLASSIFICATION/UN#:NONE,HAZ CLASS/PKG  
GROUP:NA.

=====  
Detail DOT Information  
=====

DOT PSN Code: DYC

Symbols: G  
DOT Proper Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.  
Hazard Class: 8  
UN ID Num: UN3263  
DOT Packaging Group: III  
Label: CORROSIVE  
Packaging Exception: 154  
Non Bulk Pack: 213  
Bulk Pack: 240  
Max Qty Pass: 25 KG  
Max Qty Cargo: 100 KG  
Vessel Stow Req: A

=====  
Detail IMO Information  
=====

IMO PSN Code: ETE  
IMO Proper Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. o  
IMDG  
Page Number: 8150-1  
UN Number: 3263  
UN Hazard Class: 8  
IMO Packaging Group: I/II/III  
Subsidiary Risk Label: -  
EMS Number: 8-15  
MED First Aid Guide NUM: 760

=====  
Detail IATA Information  
=====

IATA PSN Code: HMS  
IATA UN ID Num: 3263  
IATA Proper Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. \*  
IATA UN Class: 8  
IATA Label: CORROSIVE  
UN Packing Group: III  
Packing Note Passenger: 822  
Max Quant  
Pass: 25KG  
Max Quant Cargo: 100KG  
Packaging Note Cargo: 823

=====  
Detail AFI Information  
=====

AFI PSN Code: HNH  
AFI Symbols: \*  
AFI Proper Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.  
AFI Hazard Class: 8  
AFI UN ID NUM: UN3263  
AFI Packing Group: III  
Special Provisions: P5  
Back Pack Reference: A12.4

=====  
HAZCOM Label  
=====

=====  
Product ID: SOFNOLIME;SODA LIME  
Cage: 0FMB1  
Company Name: LUGO O C CO INC THE (OCLCO)  
Street: 321 MAIN ST  
City: NEW CITY NY  
Zipcode: 10956-4307  
Health Emergency Phone: 914-353-7711  
Label Required IND: Y  
Date Of Label Review: 10/22/1998  
Status Code: C  
Label Date: 10/22/1998  
Origination Code: F  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: CAUTION  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Slig  
ht  
Fire Hazard: None  
Reactivity Hazard: None

Hazard And Precautions: CAN CAUSE BURNS TO EYE/SKIN. STORE IN CLEAN DRY  
ENVIRO.AVOID DIRECT SUNLIGHT OR TEMPERATURES IN EXCESS OF 70C.KEEP CONTAINER  
CLOSED. FIRST AID: INHAL:REMOVE FROM EXPOSURE.OBTAIN MED ATTN IF DISCOMFORT  
PERSISTS.SKIN:DRENCH W/CLEAN WATER.OBTAIN MED ATTN IF SKIN BECOMES  
INFLAMATED.EYE:IRRIGATE THOROUGHLY W/CLEAN WATER.OBTAIN MED ATTN.INGEST:WASH  
OUT MOUTH THOROUHGLY.OBTAIN MED ATTN.TARGET ORGANS:EYE/ SKIN.SPILL:AVOID  
  
INHAL DUST.AVOID SKIN/EYE CONTACT.ENVIRO PRECAUT-NO HAZ.CONTAIN MATL.SWEEP OR  
VACUUM UP.

=====  
Disclaimer (provided with this information by the compiling agencies): This  
information is formulated for use by elements of the Department of Defense.  
The United States of America in no manner whatsoever expressly or implied  
warrants, states, or intends said information to have any application, use or  
viability by or to any person or persons  
outside the Department of Defense  
nor any person or persons contracting with any instrumentality of the United  
States of America and disclaims all liability for such use. Any person  
utilizing this instruction who is not a military or civilian employee of the  
United States of America should seek competent professional advice to verify  
and assume responsibility for the suitability of this information to their  
particular situation regardless of similarity to a corresponding Department

of Defense or other government situation.