

JONES CHEMICALS INC

-- SUNNY SOL

100

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

FSC: 6810

MSDS Date: 12/05/1994

MSDS Num: CCZHJ

LIIN: 00F013966

Product ID: SUNNY SOL 100

MFN: 02

Responsible Party

Cage: 0YCK9

Name: JONES CHEMICALS INC

Address: 80 MUNSON ST

City: LE ROY NY 14482

Info Phone Number: 716-768-6281/716-538-2311

Emergency Phone Number: 716-768-6281/904-396-8505

Review Ind: Y

Published: Y

=====
Preparer Co. when other than Responsible Party Co.
=====

Cage: 0YCK9

Name: JONES CHEMICALS INC

Address: 80 MUNSON STREET

City: LEROY NY 14482

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

Cage: 0YCK9

Name: JONES CHEMICALS INC

Address: 80 MUNSON STREET

City: LEROY NY 14482

Phone: 716-768-6281

=====
Ingredients
=====

Cas: 7681-52-9

RTECS #: NH3486300

Name: SODIUM HYPOCHLORITE, HYPOCHLOROUS ACID SODIUM SALT

% Wt: 9-11.5

EPA Rpt Qty: 100 LBS

DOT Rpt Qty: 100 LBS

Cas: 1310-73-2

RTECS #: WB4900000

Name: SODIUM HYDROXIDE, CAUSTIC SODA, LYE

96-4

% Wt: 0.1-2

Other REC Limits: 2MG/M3 CEILING NIOSH

OSHA PEL: 2 MG/CUM

ACGIH TLV: 2 MG/CUM CEILING

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Name: INERT INGREDIENTS

% Wt: BALANCE

Health Hazards Data

LD50 LC50 Mixture: ORAL LD50(RAT): 5 G/KG (SEE SUPP)

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INHALATION: SEVERE IRRITANT & CHEMICAL BURNS TO THE

NOSE, THROAT & LUNGS. SKIN: SEVERE IRRITATION, CHEMICAL BURNS. EYES: SEVERE IRRITATION, CORROSIVE, CAN SEVERELY BURN. INGESTION: CAUSES IRRITATION

O F MEMBRANES OF THE MOUTH, THROAT & STOMACH PAIN, POSSIBLE ULCERATION.

OVEREXPOSURE CAN CAUSE DAMAGE TO EYES/SKIN.

Explanation Of Carcinogenicity: NONE

Signs And Symptions Of Overexposure: IRRITATION, BURNS, REDDENING, STOMACH

PAIN, ULCERATION

First Aid: EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/PLENTY OF SOAP &

WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DRINK LARGE AMOUNTS OF

WATER. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL C ASES.

=====

Handling and Disposal

=====

Spill Release Procedures: WEAR PROPER PROTECTIVE EQUIPMENT. CONTAIN DIKE AREA.

NEUTRALIZE, PLACE IN DOT SPECIFICATION APPROVED CONTAINER. FLUSH AREA W/LARGE

AMOUNTS OF WATER.

Neutralizing Agent: SODIUM BISULFITE/FERROUS SALT SOLUTIONS

Waste Disposal Methods: TRIPLE RINSE. OFFFER FOR

RECYCLING/RECONDITIONING/PUNCTURE & DISPOSE OF IN A SANITARY

LANDFILL/INCINERATION/IF ALLOWED BY BURNING. DISPOSE OF IAW/LOCAL,

STATE

& FEDERAL REGULATIONS. UN1791 CORROSIVE M ATERIAL.

Handling And Storage Precautions: STORE IN A COOL, DRY AREA AWAY FROM DIRECT

SUNLIGHT/HEAT TO AVOID DETERIORATION. DON'T REUSE CONTAINER. RINSE THOROUGHLY

BEFORE DISCARDING IN TRASH.

Other Precautions: DON'T GET IN EYES/ON SKIN/ON CLOTHING. VACATE POORLY

VENTILATED AREAS. DON'T CONTAMINATE WATER, FOOD/FEED BY STORAGE, DISPOSAL/CLEANING OF EQUIPMENT. STORE IN AN UPRIGHT POSITION. MAY

NOT BE USED

FOR DISINFECTION/SANITATION W/O EPA APPROVAL

=====

Fire and Explosion Hazard Information

=====

Extinguishing Media: WATER/CO2

Fire Fighting Procedures: USE NIOSH APPROVED RESPIRATOR W/ACID TYPE CANISTER/USE SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: CONTACT W/COMBUSTIBLES MAY INITIATE/PROMOTE

COMBUSTION. ACID & HEAT ACCELERATE DECOMPOSITION.

=====

Control Measures

=====

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR THIS

PRODUCT WHEN PELS ARE EXCEEDED.

Ventilation: LOCAL EXHAUST

Protective Gloves: CHEMICAL RUBBER/PLASTIC/NEOPRENE

Eye Protection: CHEMICAL GOGGLES/FACE SHIELD

Other Protective Equipment: CHEMICAL RESISTANT SPLASH APRON & BOOTS, SAFETY

SHOWER, EYE WASH FOUNTAIN

Work Hygienic Practices: WASH AFTER HANDLING.

Supplemental Safety and Health: BOILING POINT/ORAL LD50 INFORMATION IS FOR:

SODIUM HYPOCHLORITE. PH: 12.5-13.5. INCOMPATIBILITIES CONT'D: OXIDIZABLE

MATERIALS/REDUCING AGENTS/METALS, SUCH AS NICKEL, COBALT, COPPER & IRON.

Physical/Chemical Properties

B.P. Text: 219F (SUPP)

M.P/F.P Text: -11F

Spec Gravity: 1.162

PH: (SUPP)

Solubility in Water: COMPLETE

Appearance and Odor: YELLOW-GREEN LIQUID W/CHLORINE ODOR

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: HEAT, SUNLIGHT

Materials To Avoid: ACIDS/ALCOHOLS/AMINES/AMMONIA/CHLORINATED

ISOCYANURATES/COMBUSTIBLES/CYANIDES/DETERGENTS/ETHERS/HYDROCARBONS/ (SEE SUPP)

Hazardous Decomposition Products: HYPOCHLOROUS ACID/CHLORINE/HYDROCHLORIC

ACID/SODIUM CHLORIDE/SODIUM CHLORATE & OXYGEN

Hazardous Polymerization Indicator: NO

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

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

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

Product ID: SUNNY SOL 100

Cage: 0YCK9

Company Name: JONES CHEMICALS INC

Street: 80 MUNSON STREET

City: LEROY NY

Zipcode: 14482

Health Emergency Phone: 716-768-6281/904-396-8505

Label Required IND: Y

Date Of Label Review: 10/12/1999

Status Code: A

Origination Code: G

Hazard And Precautions: INHALATION: SEVERE IRRITANT & CHEMICAL BURNS TO THE

NOSE, THROAT & LUNGS. SKIN: SEVERE IRRITATION, CHEMICAL BURNS. EYES: SEVERE IRRITATION, CORROSIVE, CAN SEVERELY BURN. INGESTION: CAUSES IRRITATION

O F MEMBRANES OF THE MOUTH, THROAT & STOMACH PAIN, POSSIBLE ULCERATION.

OVEREXPOSURE CAN CAUSE DAMAGE TO EYES/SKIN.

=====
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.