

===== MSDS =====  
Safety Information  
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FSC: 6810

MSDS Date: 03/02/1990

MSDS Num: BVRJQ

Submitter: F BT

LIIN: 00F014254

Tech Review: 10/03/1994

Status CD: C

Product ID: SUNNY SOL 150

MFN: 02

Article: N

Kit Part: N

Responsible Party

Cage: 0YCK9

Name: JONES CHEMICALS INC

Address: 80 MUNSON ST

Box: N/K

City: LE ROY

State: NY

Zip: 14482

Country: US

Info Phone Number: 804-633-5066/716-538-2311

Emergency Phone Number: 804-633-5066/716-538-2311

Preparer's Name: N/P

Proprietary Ind: N

Review Ind: Y

Published: Y

Special Project CD: N

===== Preparer =====  
Co. when other than Responsible Party Co.  
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Cage: 0YCK9

Assigned Ind: N

Name: JONES CHEMICALS INC

Address: 80 MUNSON STREET

Box:

City: LEROY

State: NY

Zip: 14482

===== Contractor =====  
Summary  
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Cage:0YCK9

Name:JONES CHEMICALS INC

Address:80 MUNSON STREET

City:LEROY

State:NY

Zip:14482

Country:US

Phone:716-768-6281

===== Ingredients =====  
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Cas:

Code: X

RTECS #:

Code: X

Name: INERT INGREDIENTS (TYPE NOT SPECIFIED)

% Text: 82-88

Environmental Wt:

Other REC Limits: N/K

OSHA PEL: N/R

Code: M

OSHA  
STEL:

Code:

ACGIH TLV: N/R

Code: M

N/P

Code:

EPA Rpt Qty:

ACGIH  
STEL:  
DOT Rpt  
Qty:

Ozone Depleting Chemical:

Cas: 7681-52-9 Code: M RTECS #: NH3486300 Code: M

Name: SODIUM HYPOCHLORITE, HYPOCHLOROUS ACID SODIUM SALT

% Text: 12-16

Environmental Wt:

Other REC Limits: N/K

OSHA PEL: N/R

Code: M

OSHA  
STEL:

Code:

ACGIH TLV: N/R

Code: M

ACGIH N/P  
STEL:

Code:

EPA Rpt Qty: 100 LBS

DOT Rpt 100 LBS  
Qty:

Ozone Depleting Chemical: N

Cas: 1310-73-2 Code: M RTECS #: WB4900000 Code: M

Name: SODIUM HYDROXIDE, CAUSTIC SODA, LYE

% Text: 0.2-2

Environmental Wt:

Other REC Limits: 2MG/M3 CEILING NIOSH

OSHA PEL: 2 MG/CUM

Code: M

OSHA  
STEL:

Code:

ACGIH TLV: 2 MG/CUM CEILING

Code: M

ACGIH N/P  
STEL:

Code:

EPA Rpt Qty: 1000 LBS

DOT Rpt 1000 LBS  
Qty:

Ozone Depleting Chemical: N

Hazards Data Health TOP

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

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Health Hazards Acute And Chronic

INHALATION: FUMES FROM SPILLS ARE IRRITATING TO MUCOUS MEMBRANES. SKIN: SEVERE IRRITATION/REDNESS/DAMAGE/ABSORPTION. EYES: SEVERE IRRITATION/CORROSIVE. INGESTION: IRRITATION OF MEMBRANES OF MOUTH/THROAT, STOMACH PAIN, POSSIBLE ULCERATION. CHRONIC: EYES: CAN CAUSE DAMAGE. SKIN: CAN CAUSE DAMAGE, CHEMICAL BURNS.

Explanation Of Carcinogenicity

NONE

Signs And Symptoms Of Overexposure

INHALATION: FUMES FROM SPILLS ARE IRRITATING TO MUCOUS MEMBRANES. SKIN: SEVERE IRRITATION/REDNESS/DAMAGE/ABSORPTION. EYES: SEVERE IRRITATION/CORROSIVE. INGESTION: IRRITATION OF MEMBRANES OF MOUTH/THROAT, STOMACH PAIN, POSSIBLE ULCERATION. CHRONIC: EYES: CAN CAUSE DAMAGE. SKIN: CAN CAUSE DAMAGE, CHEMICAL BURNS.

Medical Cond Aggravated By Exposure

BROKEN SKIN

### First Aid

EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/PLENTY OF SOAP & WATER FOR 15 MINS.  
INHALATION: REMOVE TO FRESH AIR. INGESTION: DRINK LARGE QUANTITIES OF MILK/GELATIN  
SOLUTION/LARGE QUANTITIES OF WATER. DON'T GIVE VINEGAR/OTHER ACIDS. DON'T INDUCE VOMITING.  
OBTAIN MEDICAL ATTENTION IN ALL CASES.

### Spill Release Procedures

WEAR PROTECTIVE EQUIPMENT. CONTAIN IN DIKED AREA. NEUTRALIZE. PLACE NEUTRALIZED MATERIAL  
IN APPROVED CONTIANERS. FLUSH AREA W/LARGE AMOUNTS OF WATER.

### Neutralizing Agent

SODIUM BISULFITE, FERROUS SALT SOLUTIONS.

### Waste Disposal Methods

DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS. CORROSIVE MATERIAL. UN1791. RINSE EMPTY  
CONTAINER THOROUGHLY W/WATER & EITHER RETURN TO MANUFACTURER/DISCARD BY PLACING IN  
TRASH COLLECTION/BURY IN A PPROVED LANDFILL.

### Handling And Storage Precautions

STORE IN COOL/DRY AREA AWAY FROM DIRECT SUNLIGHT. STORE IN UPRIGHT POSITION.

### Other Precautions

AVOID CONTACT W/SKIN, EYES, CLOTHING. VACATE POORLY VENTILATED AREAS AS SOON AS POSSIBLE.  
DON'T RETURN UNIL ODORS HAVE DISSIPATED. DON'T CONTAMINATEFOOD/FEED BY STORAGE. DISPOSAL,  
CLEANING OF EQUIPMEN T. AVOID BREATHING VAPORS.

## Explosion Hazard Information Fire and

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Flash Point Method: N/P

Flash Point:

Flash Point Text: N/R

Autoignition Temp:

Autoignition Temp Text: N/A

Lower Limits: N/R

Upper Limits: N/R

### Extinguishing Media

CO2, FLOOD W/WATER

### Fire Fighting Procedures

WEAR NIOSH APPROVED RESPIRATOR W/ACID TYPE CANISTER/SELF CONTAINED BREATHING APPARATUS.

### Unusual Fire/Explosion Hazard

MATERIAL IS A STRONG OXIDIZER. CONTACT W/COMBUSTIBLES MAY INITIATE/PROMOTE COMBUSTION. ACID &  
HEAT ACCELERATE DECOMPOSITION.

## Measures Control

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### Respiratory Protection

WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR THIS PRODUCT WHEN PELS ARE  
EXCEEDED.

### Ventilation

LOCAL EXHAUST

Protective Gloves

RUBBER, NEOPRENE

Eye Protection

CHEMICAL GOGGLES, FACE SHIELD

Other Protective Equipment

RUBBER SPLASH APRON, RUBBER BOOTS, SAFETY SHOWER, EYE WASH FOUNTAIN.

Work Hygienic Practices

WASH AFTER HANDLING.

Supplemental Safety and Health

PH: 12.5-13.5. PHYSICAL DATA & ORAL LD50 APPLIES TO 12.5% SODIUM HYPOCHLORITE BY WEITH. INCOMPATIBLES CONT'D: OXIDIZABLE MATERIALS, REDUCING AGENTS, NICKEL, COBALT, COPPER, IRON. MIX ONLY W/WATER ACCORDING TO LABEL DIRECTIONS. MIXING PRODUCT W/GROSS FILTH/INCOMPATIBLES MAY RELEASE HAZARDOUS GASES.

Physical/Chemical Properties

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HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: 219F (SUPP)

Melt/Freeze Pt:

M.P/F.P Text: -11F (SUPP)

Decomp Temp:

Decomp Text: N/K

Vapor Pres: N/K

Vapor Density: N/K

Volatile Org Content %:

Spec Gravity: 1.224 (SUPP)

VOC Pounds/Gallon:

PH: (SUPP)

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & Reference: N/K

Solubility in Water: COMPLETE

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

Percent Volatiles by Volume: N/K

Corrosion Rate: N/K

Data Reactivity

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Stability Indicator: YES

Stability Condition To Avoid: CONCENTRATIONS >10%, HEAT, LIGHT, EXPOSURE, DECREASE IN PH.

Materials To Avoid: ACIDS/ALCOHOLS/AMINES/AMMONIA/CHLORINATED ISOCYANATES/COMBUSTIBLES/CYANIDES/DETERGENTS/ETHERS/HYDROCARBONS (SEE SUPP)

Hazardous Decomposition Products: HYPOCHLOROUS ACID/CHLORINE/HYDROCHLORIC ACID/SODIUM CHLORIDE/SODIUM CHLORATE & OXYGEN.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization N/K

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**Toxicological Information**  
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**Toxicological Information:**N/P

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**Ecological Information**  
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**Ecological:** N/P

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**Transport Information** **MSDS**  
===== TOP

**Transport Information:**N/P

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**Regulatory Information**  
===== TOP

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

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**Other Information**  
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**Other Information:** N/P

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