

CLOROX CO -- PINE-SOL BROAD SPECTRUM FORMULA -- 6840-00-584-3129

===== Product Identification =====

Product ID:PINE-SOL BROAD SPECTRUM FORMULA

MSDS Date:08/01/1990

FSC:6840

NIIN:00-584-3129

MSDS Number: BNZGP

=== Responsible Party ===

Company Name:CLOROX CO

Address:1221 BROADWAY

City:OAKLAND

State:CA

ZIP:94612

Country:US

Info Phone Num:(800) 932-2732

Emergency Phone Num:(800) 932-2732

CAGE:HO904

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== Contractor Identification ==

Company Name:CLOROX CO

Address:7200 JOHNSON DR

City:PLEASANTON

State:CA

ZIP:94588

Country:US

Phone:415-847-6100

CAGE:HO904

===== Composition/Information on Ingredients =====

Ingred Name:ISOPROPANOL (ISOPROPYL ALCOHOL), 2-PROPANOL, DIMETHYL
CARBINOL

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 8%

Other REC Limits:400 PPM

OSHA PEL:400 PPM

ACGIH TLV:400 PPM

Ingred Name:PINE OIL SOAP *92-2*

CAS:8002-09-3

Ingred Name:NONIONIC & ANIONIC S

URFACTANTS

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT): >5 GM/KG
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES: IRRITATION.

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

First Aid:INGESTION: DON'T INDUCE VOMITING, DRINK PLENTY OF MILK OR WATER. SKIN/EYES: FLUSH W/WATER. INHALATION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:CC
Flash Point:101F
Extinguishing Media:"ALCOHOL" FOAM, CO2, DRY CHEMICAL OR WATER SPRAY.
Fire Fighting Procedures:USE WATER SPRAY TO KEEP CONTAINERS COOL.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. REMOVE SOURCES OF IGNITION. COVER W/ INERT ABSORBENT MATERIAL; SWEEP UP & PLACE IN A WASTE DISPOSAL CONTAINER. FLUSH AREA W/WATER.

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

Handling and Storage Precautions:AVOID CONTAMINATION OF FOOD & CONTACT W/EYES.
Other Precautions:GENERAL PRECAUTIONS FOR HANDLING FLAMMABLE LIQUIDS SUCH AS BONDING & GROUNDING EQUIPMENT, USE OF SPARKPROOF TOOLS, VAPOR &/OR EXPLOSION PROOF ELECTRICAL EQUIPMENT, INERTING, ETC., MAY BE REQUIRED BASE D ON CONDITIONS OF USE.

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

Respiratory Protection:RECOMMENDED
Ventilation:RECOMMENDED
Protective Gloves:RECOMMENDED
Eye Protection:RECOMMENDED
Supplemental Safety and Health

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

Spec Gravity:0.987
pH:3-4
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, YELLOW LIQUID; ODOR OF PINE.

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

Stability Indicator/Mater

ials to Avoid:YES

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAME & OTHER SOURCES
OF IGNITION

Hazardous Decomposition Products:CO & CO2

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &
FEDERAL REGULATIONS.

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