

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

=

== 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.

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 this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.