

PM 32

5813-28

144

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

The Clorox Company  
P.O. Box 493  
Pleasanton, CA 95466

Attn: J. Evelyn Lawson

29 NOV 1994

Subject: Pine-Sol  
EPA Registration No. 5813-28  
Your Submission of July 25, 1994

The submission noted above involving a revised and updated Confidential Statement of Formula (CSF) and a change in neutralizer used in the subject product formulation has been reviewed. The following comments apply.

1. The revised, updated CSF all alternative sources and certified limits of the active ingredient is in compliance with PR Notice 91-2 and is acceptable. All proposed sources of supply for the active ingredient listed on the CSF are acceptable.

2. The change in neutralizing agent proposed for use in the product formulation is acceptable.

3. The revised product labeling submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. Submit five copies of the finished printed labeling which incorporates these comments before releasing the product for shipment.

- The label statements "Contains Biodegradable Cleaning Agents" and "Contains No Phosphorous" are acceptable but cannot be emphasized or highlighted in the text (i.e. bold print or capital letters).

If you should have any questions concerning this letter, you may call Robert Travaglino on (703) 305-6909.

Sincerely,

Ruth G. Douglas  
Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (7505C)

SYMBOL							
SURNAME							
DATE	29 NOV						

## PINE-SOL®

PINE-SOL cleans and deodorizes all washable household surfaces, kills odor causing household germs and leaves a fresh, clean scent.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling

#### CLEANING AND DEODORIZING

**FOR FLOORS, WALLS AND SIMILAR SURFACES.** Dissolves old wax, greasy grime and film. Even removes crayon marks. Use ¼ cup per gallon of water. No rinsing required, except on rubber or asphalt tile. For extra tough jobs, use full strength and rinse immediately.

**NO-WAX FLOORS.** When used as directed, PINE-SOL will not harm no-wax floors. Use ¼ cup per gallon of water; wash floor with mop or sponge and rinse. For no-wax floors, PINE-SOL is not recommended for use at full strength.

**KITCHEN.** Kitchen floors collect grease and traffic dirt. Use ¼ cup per gallon of water, or full strength anywhere greasy dirt is a problem.

**BATHROOM.** Cleans and deodorizes basins, tubs, and tiles. Use ¼ cup per gallon of water, or full strength where odors are a problem.

**TOILET BOWLS.** Pour 2½ oz. in bowl and brush thoroughly, including under the rim.

#### DISINFECTS AGAINST ODOR-CAUSING GERMS

Kills odor causing germs. On hard, non-porous household surfaces such as kitchen and bathroom floors, toilets, diaper pails and pet areas. Use ¼ cup per gallon of water. Wet surfaces, let stand for 10 minutes, then remove excess. For highly soiled areas, clean excess dirt first.

#### SPECIAL CLEANING AND DEODORIZING APPLICATIONS

**LAUNDRY.** Pour full strength on grease spots, collar and cuff stains or other soiled areas and rub in before loading into the washer. For extra cleaning power and deodorizing during the wash, add a half cup of PINE-SOL along with your regular soap and detergent.

**GARBAGE CANS.** Use full strength or ¼ cup per gallon of water to clean and deodorize. Brush and rinse.

**AUTOMOBILES.** Use ¼ cup per gallon of water for cleaning; sponge and rinse. Use full strength on a sponge for spots and on whitewall tires, then rinse.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS

**WARNING:** May cause eye irritation. Do not get in eyes. Avoid contact with food.

**FIRST AID INSTRUCTIONS:** If eye contact occurs, immediately flush eyes with plenty of water. If irritation persists, call a physician. If swallowed, do not induce vomiting. Promptly drink a large amount of milk or water. Call a physician.

**PHYSICAL OR CHEMICAL HAZARD:** Keep away from heat, sparks and open flame.

**STORAGE/ DISPOSAL:** Do not reuse empty container. Wrap container in plastic bag and discard.



EPA Est. 1730-MS-1  
EPA Reg. No. 1730-36-AA

Mark  
of  
Quality

15 FL. OZ.



American Cyanamid Company &  
Consumer Products Group  
Wayne, NJ 07470



# Pine-Sol

## Cleans-Disinfects Deodorizes

~~ACTIVE INGREDIENT: PINE OIL - 30.0%  
INERT INGREDIENTS - 70.0%  
Contains no phosphorus~~

**WARNING: KEEP OUT OF REACH OF CHILDREN  
SEE BACK LABEL FOR ADDITIONAL PRECAUTIONS**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

29 NOV 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended for the pesticide  
registered under EPA Reg. No.

5813-25

**BEST AVAILABLE COPY**

**ACTIVE INGREDIENT**

Pine oil . . . . . 30.0%

**INERT INGREDIENTS . . . . 70.0%**

**COPY C**

**PRECAUTIONARY STATEMENTS.**

**COPY D**

Net Contents 1 gallon (128 fl oz) 3.78 L

**COPY E**

Get it PINE-SOLved!™

- Cleans & deodorizes all washable household surfaces
- Leaves a fresh, clean scent
- 30% more grease cutters and 50% more deodorizers than Pine-Sol® Cleaner.
- Powers through your toughest cleaning jobs.

**COPY F**

**CLEANING SITUATION**

**SOIL TYPES AND SURFACES**

**CONCENTRATION OF PINE-SOL TO WATER**

Heavy-Duty Cleaning and Deodorizing

Grease, wax or soap scum build-up; scuff marks and other stubborn soils.

Full strength on sponge or brush

Heavily-soiled garbage cans, pet areas or outdoor surfaces.

½ cup to 1 gallon.

Routine Cleaning and Deodorizing

Greasy dirt, soap scum, toilet bowl stains or fingerprints

¼ cup to 1 gallon.

Lightly-soiled floors and other surfaces.

1/8 cup to 1 gallon.

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:

**29 NOV 1994**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide registered under EPA Reg. No.

**5813-28**

**BEST AVAILABLE COPY**

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PINE-SOL

EPA Reg No. 5813-28

COPY F (cont.)

<b>GREASE-CUTTING POWER</b> Cleans toughest kitchen grease and grime including stove hoods, build-up under appliances, and even motor oil.	<b>DEODORIZING POWER</b> Eliminates worst household odors including those from pets, garbage, smoke and diaper pails.	<b>BATHROOM CLEANING POWER</b> Powerfully cleans and shines tough bathroom jobs including floors, sinks, countertops, walls, and even soap scum.
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COPY G

For no-wax floors, only use diluted and rinse. Not recommended for wood floors.

COPY H

**GENERAL CLEANING.** . .Add ¼ cup per gallon of water. Usually no rinsing needed.

PINE-SOL is safe on most washable, non-porous surfaces. For best results, test a small area before application and vary concentration as needed. Not recommended for wood. Only use diluted on no-wax floors. Rinse rubber or asphalt after use.

COPY I

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS.**

**WARNING:** May cause eye irritation. Do not get in eyes. For sensitive skin or prolonged use, wear gloves. Avoid contact with food.

**STATEMENT OF PRACTICAL TREATMENT: IF SWALLOWED:** Do not induce vomiting. Promptly drink a large amount of milk or water. Call a physician. **IF IN EYES:** Immediately flush eyes with plenty of water. If irritation persists, call a physician. **IF ON SKIN:** Immediately remove contaminated clothing and wash skin thoroughly with soap and water.

**PHYSICAL OR CHEMICAL HAZARDS:** Keep away from heat, sparks and open flame. Do not use or mix with other household cleaners.

**STORAGE AND DISPOSAL: STORAGE:** Store in cool dry area. **CONTAINER DISPOSAL:** Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash. **PRODUCT DISPOSAL:** Use up, give away, or pour unused product down drain and flush with water. Do not mix products when disposing.

- CONTAINS BIODEGRADABLE CLEANING AGENTS.
- CONTAINS NO PHOSPHORUS.

EPA Reg. No. 5813-28. EPA Est. No. 5813-MS-1.  
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MADE IN U.S.A.  
Questions or Comments?  
Call 1-800-227-1860

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

UPC Code

29 NOV 1994  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
EPA Reg. No.  
5813-28

**BEST AVAILABLE COPY**