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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NUMBER	DATE OF ISSUANCE
	54920-1	MAR 6 1986
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT		
PINE SHINE		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Choice Chemical Company
 2200 South Lipan Street
 Denver, CO 80223

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This Registration Notice is being issued in accordance with section 3(c)(7)(A) of the FIFRA subject to the following conditions.

1. It is understood that you will submit and/or cite all data required for registration or reregistration of your product under section 3(c)(5) of the FIFRA when the Agency requires all registrants of similar products to submit such data.

2. You will submit five copies of your finished printed labels complying with the requirements or revisions specified in the attachment to this Registration Notice. These labels must be submitted to the Agency before the product is released for shipment as required by PR Notice 82-2 of June 18, 1982.

A stamped copy of the draft label is enclosed for your records. Your release of the product for shipment constitutes acceptance of these conditions. If the conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of the FIFRA.

A. E. Castillo
 A. E. Castillo
 Product Manager (32)
 Disinfectants Branch
 Registration Division (TS-767C)

Enclosure

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
	MAR 6 1986

ATTACHMENT TO EPA REGISTRATION NOTICE

EPA Registration No. 54920-1 Date Issued MAR 6 1986
Company Name Choice Chemical Company
Product Name PINE SHINE

The following requirements or revisions apply to the label which was accepted with this Registration Notice:

1. The Registration Number which has been assigned to this product must appear on the label as EPA Registration No. 54920-1.
2. Submit the Storage Stability data for your product. Refer to 40 CFR 158.120, revised July 1, 1985, p. 32. If you have any questions, consult the registrant of the prototype formulation.
3. Unless a product contains 60 percent pine oil (or more), the product cannot be represented anywhere on the label as a "Pine Oil" disinfectant. Wording such as "Pine Type" or "Pine Scent," or similar wording would be appropriate and acceptable for products which contain less than 60 percent pine oil, as long as these names do not include the term "Pine Oil." Delete the term "Pine Oil" from the label anywhere it occurs, except the ingredient statement.
4. You are reminded that the EPA Establishment Number must appear in a suitable location on the label or on the immediate container.
5. The labels which will be used for this product in channels of trade must reflect these revisions.
6. Five copies of the finished printed labels, as defined in the A-79 Enclosure, must be submitted to the Agency before the product is released for shipment to comply with PR Notice 82-2 of June 18, 1982.
7. The finished printed labels must comply with the general labeling requirements of Section 162.10 of Title 40 of the Code of Federal Regulations. If the label does not satisfy these requirements it will be rejected.

Cross-contamination is of major housekeeping concern in schools, medical institutions, and industry. **LONZA DC-102** has been formulated to aid in the reduction of cross-contamination in these areas.

LONZA DC-102 is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed.

LONZA DC-102 is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, **LONZA DC-102** will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

Precautionary Statements

Hazard to Humans and Domestic Animals

DANGER

Keep Out of Reach of Children. Corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

Storage and Disposal

- Do not contaminate water, food, or feed by storage disposal.
- Do not store on side.
- Avoid creasing or impacting of side walls.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

Metal Container: Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. (If container is 1 gallon or less, use this container disposal statement.)

Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

Physical or Chemical Hazards

Do not use or store near heat or open flames.

PINE SHINE

QUATERNARY PINE-OIL

Disinfectant-Cleaner-Sanitizer-Fungicide
Mildewstat-Deodorizer With Organic Tolerance
For Medical & Non-Medical Use Areas*
Plus Disinfectant Hard Water
(400 ppm Calculated As CaCO₃) Tolerance
For Non-Medical Use Areas**
Hospital-Institutional-Industrial and School Use

Active Ingredients

Octyl decyl dimethyl ammonium chloride	0.570%
Dioctyl dimethyl ammonium chloride	0.285%
Didecyl dimethyl ammonium chloride	0.285%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	0.760%
Pine Oil	2.500%
Water	95.600%
	100.000%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

EPA Establishment No.

Net Contents

1 GALLON

MANUFACTURED BY:

Choice Chemical Co 2200 S Lipan St Denver, Co 80223

For Sale For Use And Storage By
Maintenance Personnel Only

LONZA DC-102 sanitizer - fungicide

Apply LONZA DC-102 to surfaces such as bedframes which will be sprayed upon a preliminary clean or when use remain wet for

Disinfection - Non-Medical Industries. At LONZA DC-102 method and for gram positive

Serratia n
Salmonell
Staphylococ
Salmonell
Escherichia
Streptococ
Streptococ
Enterobac
Shigella c
Brevibact

Non-Medical activity of LONZA DC-102 of both 5% b Staphylococ Escherichia c

Medical Use A per gallon use against Pseud

Fungicidal Co DC-102 when dressing room Fungicidal act both 5% blo Trichophyton

Mold and Mildew DC-102 will ef and the odors porous surface Allow to dry on

Sanitizing-No tables, etc.) A to 600 ppm ha against Staph hard porous a surface mus with in EPA

MA

Under the Fungicide, as amended registered 544