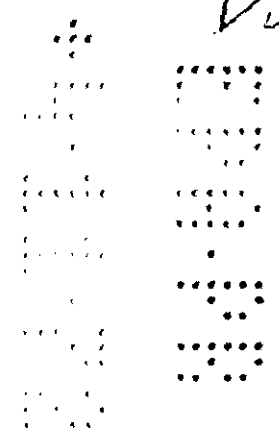


PM 32 5741-6

V4

ACCEPTED
MAY 16 1972
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
ED UNDER NO. 5741-6



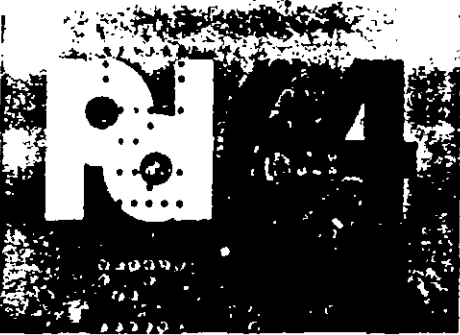
- PD-64 is an effective germicidal agent and provides bactericidal effectiveness against many dangerous pathogenic species.
- Eliminates bacterial odors at the source.
- Will not reduce the effectiveness of conductive flooring.
- PD-64 was developed primarily for hospital usage.

Spartan
TUBERCULOCIDAL
PD-64
Phenolic Base
Cleaner-Disinfectant

E.P.A. Reg. No. 5741-6
 KEEP OUT OF REACH OF CHILDREN
 CAUTION READ PRECAUTIONARY
 STATEMENTS ON BACK PAGE

10/11

TUBERCULOCIDAL • STAPHYLOCIDAL • PSEUDOMONICIDAL • FUNGICIDAL



PHENOLIC BASE, CLEANER-DISINFECTANT

AN EFFECTIVE TUBERCULOCID AND PSEUDOMONICIDAL PRO

BUILDINGS

PD-64 is a powerful disinfectant for use in buildings. It is effective against a wide range of bacteria, including tubercle bacilli and pseudomonads. It is also effective against viruses and fungi. PD-64 is easy to use and does not leave a strong odor. It is suitable for use in hospitals, schools, and public buildings.



HOSPITALS

PD-64 is a powerful disinfectant for use in hospitals. It is effective against a wide range of bacteria, including tubercle bacilli and pseudomonads. It is also effective against viruses and fungi. PD-64 is easy to use and does not leave a strong odor. It is suitable for use in hospitals, schools, and public buildings.

SCHOOLS

PD-64 is a powerful disinfectant for use in schools. It is effective against a wide range of bacteria, including tubercle bacilli and pseudomonads. It is also effective against viruses and fungi. PD-64 is easy to use and does not leave a strong odor. It is suitable for use in hospitals, schools, and public buildings.



A NEW ERA...

PD-64 is a powerful disinfectant for use in hospitals, schools, and public buildings. It is effective against a wide range of bacteria, including tubercle bacilli and pseudomonads. It is also effective against viruses and fungi. PD-64 is easy to use and does not leave a strong odor. It is suitable for use in hospitals, schools, and public buildings.

ACCEPTED

CLINICS AND DOCTORS' OFFICES

PD-64 is a powerful disinfectant for use in clinics and doctors' offices. It is effective against a wide range of bacteria, including tubercle bacilli and pseudomonads. It is also effective against viruses and fungi. PD-64 is easy to use and does not leave a strong odor. It is suitable for use in hospitals, schools, and public buildings.



INSTRUCTIONS: PD-64 is basically formulated for cleaning and disinfecting environmental surfaces (floors, walls, fixtures, etc). The user will gain the most economical use of the product by first experimenting to find out what concentration is necessary for removal of the soil he is experiencing. The user should then use a minimum concentration which will quickly and easily remove this soil, as long as the amount of material is not less than 2 oz. of PD-64 per gallon of water. This approach will provide maximum economy and assure complete disinfection. Where disinfection is not required lesser amounts may be used.

PERFORMANCE PROPERTIES and PHYSICAL PROPERTIES of



- 1 MISCIBILITY—Completely water soluble in all proportions over a temperature range of 30 F to 210 F.
- 2 SUDS—Results in ml of foam height at various time intervals using 30 ml. of a 64/1 dilution in 4 grain water (Ca Co.)

INITIAL	5 MIN	20 MIN
425 ml.	225 ml	95 ml.
- 3 DETERGENCY—Consistent ratings in excess of 80% (GARDNER STRAIGHT LINE WASHABILITY TESTING MACHINE).
- 4. MEETS ALL REQUIREMENTS OF G S A SPEC. \approx P D-220a TYPE II CLASS 2 FOR GENERAL PURPOSE DETERGENTS
- 5 CONDUCTIVE FLOORING — will not reduce effectiveness of conductive floors when tested according to procedure outlined in "Booklet 56" of the "National Board of Fire Underwriters" AVE. READING 360,000 OHMS.
- 6. USE DILUTION CONFIRMATION TEST

Salmonella choleraesius	1:100
Staphylococcus Var. Aureus	1:64
M. Tuberculosis Var. hominis	1:64
Ps. Aeruginosa	1:64

- 1 ACTIVE INGREDIENTS

Isopropyl Alcohol	10.30%
Sodium Xylene Sulfonate	10.30%
Orthophenylphenol	6.18%
Potassium Ricinoleate	6.13%
INERT INGREDIENTS	67.09%
- 2 FORM—LIQUID
- 3. COLOR—GREEN
- 4. SPECIFIC GRAVITY — 1.0499 @ 20/20 C
- 5 ODOR—LEMON/SPICE
- 6 VISCOSITY—WATER THIN
- 7 pH—9.50
- 8 WETTING—(DRAVES)—5.0 sec.
- 9 CLOUD PT.—CLEAR 30 F to 210 F
- 10. HARD WATER COMPATIBILITY (64.1)
 - a) 200 ppm—CLEAR
 - b) 350 ppm—HAZY
 - c) 675 ppm—CLOUDY
- 11 STABILITY:
 - a) ONE YEAR UNDER NORMAL CONDITIONS
 - b) FREEZES AND THAWS WITHOUT SEPARATION

CAUTION:

Harmful if swallowed. May cause skin and eye irritation. Avoid contact with skin and eyes. In case of contact, wash with water. If irritation persists, get medical attention. Avoid contamination of food.

The data contained in this report has been carefully compiled and has been designed especially for the trained, technical personnel. In addition there have been reports from independent laboratories which are available upon request.

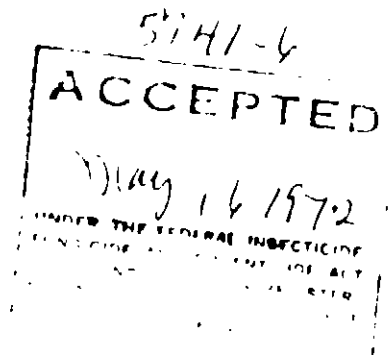
Spartan Chemical Company, Inc., has used every precaution to insure the quality and effectiveness of PD-64, in line with the moral as well as the legal responsibility of providing products in the field of public health and safety.

GUARANTEE

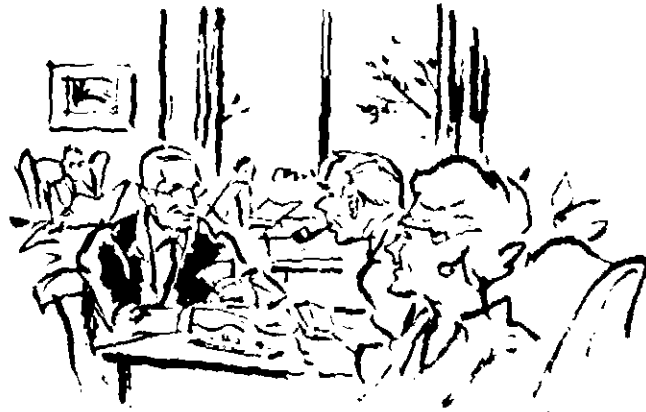
Modern manufacturing and laboratory control insure uniform quality at all times. All products manufactured by Spartan Chemical Company, Inc. are unconditionally guaranteed to give complete satisfaction, or any unused portion may be returned for credit.



DISTRIBUTED BY:



AL, STAPHYLOCIDAL DUCT!



REST HOMES

Disinfectant-cleaning agent for all rooms, corridors, restrooms, and dining areas. Disinfects, cleans, and deodorizes. Kills germs, including staphylococci.

RESTAURANTS

Disinfectant-cleaning agent for all tables, chairs, and floors. Kills germs, including staphylococci. Cleans, deodorizes, and brightens.

- LIBRARIES
- TB SANITARIUMS
- HOSPITALS
- REST HOMES
- ASYLUMS
- ORPHANAGES
- MORGUES
- RESEARCH FACILITIES

END OF CONFUSION

Considerable confusion has arisen because of the various descriptive terms employed by the manufacturers of products with germicidal action. The E.P.A. sharply distinguishes between chemicals that sterilize, disinfect, bacteriostats and sanitizers.

1. **STERILIZATION** the total elimination of all pathogenic and non-pathogenic organisms including spore-forming species. At present there are no chemicals commonly used for daily maintenance that will sterilize in the complete sense.

2. **DISINFECTANT** is the most honest claim obtainable for products designed for general use in institutional maintenance. Disinfectants will kill most typical gram positive and gram negative bacteria species.

3. **BACTERIOSTATS** must INHIBIT the growth of bacteria.

4. **SANITIZERS** must reduce bacteria counts to a safe level.

PD 64 is a **DISINFECTANT-CLEANER COMBINATION** meeting in every way and every manner the above exacting definition of disinfection.

...the most honest claim obtainable for products designed for general use in institutional maintenance. Disinfectants will kill most typical gram positive and gram negative bacteria species.

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LOW SUDS

Due to low sudsing and low suds retention, PD 64 is an excellent cleaner to be used in conjunction with automatic floor equipment.

4/27/4