



DSD - 10% Disinfectant Sanitizer - Deodorant

ROBERT LANGER CO., INC.
P.O. Box 762
Stony Brook, N.Y. 11790

DIRECTIONS

DISINFECTING SOLUTION:

For broad spectrum hospital or industrial disinfecting of floors, walls and other hard surfaces use 3 1/2 oz. of DSD-10% to 5 gallons of water. At this level DSD-10% is effective against *Pseudomonas aeruginosa* PRD-10.

For best results use DSD-10% with a cloth or mop and apply to walls, floors and other hard surfaces.

SANITIZING SOLUTION:

One ounce DSD-10% to 4 gallons of water.

DEODORANT SOLUTION:

1 - 2 ounces of DSD-10% to each gallon of water.

EATING ESTABLISHMENTS, RESTAURANTS, TAVERNS, ETC.

Dishes, glassware, silverware, cooking utensils, wash with soap or detergent, rinse thoroughly and immerse in a solution containing 1 oz. of DSD-10% to 4 gallons of water.

WARNING

Keep out of reach of children. Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food.

FIRST AID

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 all contaminated clothing before reuse. If swallowed, do not induce vomiting. Drink large quantities of fluid and call a physician immediately.

ACCEPTED

OCT 19 1971

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER

SPECIFICATIONS

DSD-10% is a potent broad spectrum disinfectant, sanitizer and deodorant which is effective against most pathogenic organisms, and leaves a bacteriostatic residual which inhibits the growth of a wide spectrum of both gram positive and gram negative bacteria.

Phenol Coefficients A.O.A.C. Method

Staphylococcus Aureus	91
Salmonella Typhosa	60

Active Ingredients:

N-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chloride5%

N-Alkyl (68% C₁₂, 32% C₁₄) dimethyl
ethylbenzyl ammonium chloride5%

Inert Ingredients:

Water90%
Dye

E.P.A. Registration No. 8435-3

WARNING

Keep out of the reach of children

See other warning on side panel

NET CONTENTS: ONE GALLON

DIRECTIONS

FOOD PROCESSING PLANTS, BAKERIES, MEAT, CANNERIES, ETC.:

Clean and rinse equipment, floors, walls thoroughly then apply one ounce of DSD-10% per 4 gallons of water. No rinse required.

DAIRIES, MILK FARMS AND MILK PROCESSING PLANTS: Clean and rinse equipment thoroughly, then apply sanitizing solution containing 1 oz. DSD-10% to 4 gallons of water (200ppm). No rinse required. Follow recommendations of Local Health Board.

SWIMMING POOLS:

Initial Dose: 1 gallon DSD-10% to 50,000 gallons of water.

Maintenance Dose: 1 quart DSD-10% to 50,000 gallons of water.

Initial Dose is used when filling pool at beginning of swimming season. If pool has visible algae growth, the initial dose should be repeated within 48 hours after the killed algae are removed from the pool.

Maintenance dose should be added at 3-5 day intervals. If high temperatures prevail or pool has unusually heavy use, add maintenance dose more frequently.

If makeup water is added at the rate of more than 10% per week of pool capacity, add 1 quart of DSD-10% for each 10,000 gallons of fresh makeup water added per week.

When the swimming season is over, add 1 gallon of DSD-10% to 50,000 gallons of water in treating water left in pool. This dose helps provide a measure of control of algae growth during the Winter months. This treatment will also help the servicing of the pool before it is returned to use the following season.

Rinse empty container thoroughly with water and discard.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams or ponds.



DSD-25
Institutional and Industrial
Cleaner-Disinfectant-Sanitizer*Virucide

ROBERT LANGER CO., INC.

P.O. Box 762
 Stony Brook, N.Y. 11790

GENERAL CLEANING AND DISINFECTING

In hospitals, food, milk, bakeries, seafood, meat, candy processing plants, institutions, public rooms, schools, industrial areas, etc.

Apply two ounces of DSD-25 to one gallon of water. Rinse cleaned surfaces with fresh water.

HOSPITAL DISINFECTION

For cleaning, disinfecting, and deodorizing in hospitals all hard surfaces such as floors, walls, ceilings, equipment and fixtures in areas such as operating rooms, clinics, isolation wards, nurseries, diet kitchens, rest rooms, etc. brush or mop surfaces to be treated with a solution containing 2 ounces of DSD-25 per gallon of water. Those surfaces that are heavily soiled with blood, fecal material or exudates should be thoroughly scrubbed with a solution containing 2 ounces per gallon of water and then rinsed with a fresh solution containing 2 ounces per gallon of water before disinfection.

FOOD PROCESSING PLANT SANITIZATION

For cleaning, sanitizing and deodorizing food processing equipment in milk, bakeries, seafood, meat, and candy processing plants, etc. such equipment would include blanchers, evaporators, homogenizers, holding tanks, pipes, valves, fitting utensils, etc.

Apply 2.8 ounces of DSD-25 to 5 gallons of water (200p.p.m.). At this level No Potable Rinse is required.

For heavy soil or organic matter, a precleaning step is recommended.

DANGER

Keep Out of Reach of Children. Causes eye damage and skin irritation. Corrosive. 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.

FIRST AID

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.

DSD-25 is a potent broad spectrum disinfectant, sanitizer and deodorant which is effective against most pathogenic organisms.

Phenol Coefficients A. O. A. C. Method

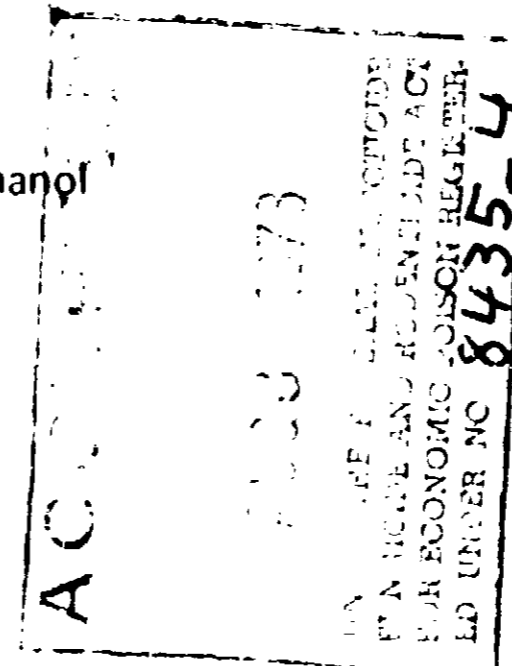
Staphylococcus Aureus	42
Salmonella Typhosa	27

Active Ingredients: 7.5%

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chlorides	2.25%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl	
ethylbenzyl ammonium chlorides	2.25%
Sodium Carbonate	3.00%

Inert Ingredients: 92.5%

- Water
- Nonyl phenoxy polyethoxy ethanol
- Sodium tripolyphosphate
- Color trace



DSD-25 is a select quaternary based formula that is highly recommended as a single step, heavy duty institutional and industrial strength disinfectant cleaner. DSD-25, when used on environmental inanimate hard surfaces at 2 ounces per gallon of water, is effective against Staphylococcus aureus, Salmonella Choleraesuis, and Pseudomonas Aeruginosa.* It is also virucidal against Herpes Simplex (a member of the Herpes viruses that cause chicken pox, severe brain infections, and infectious mononucleosis), Vaccinia (representative of the pox viruses), Influenza A2 (flu virus), and Adenovirus type 2 (respiratory disease). It is also effective against pathogenic fungi, Trichophyton interdigitale.

DSD-25 is authorized for use under U.S.D.A. Consumer & Marketing Service inspection programs for poultry, meat, rabbit and egg product plants.

DSD-25 as received is a concentrate and should be diluted before use. DSD-25 is not compatible with soap or anionic detergents.

Rinse empty container thoroughly with water and discard.



EPA Registration No. 8435-4

Net Contents:

⚠ DANGER ⚠
KEEP OUT OF REACH OF CHILDREN.
 See side panel for First Aid and Additional precautionary handling instructions.