

97.08.12

Net Contents 1 L

QUATSYL-D PLUS

ANIMAL CARE DISINFECTANT

Effective in 400 ppm hard water as (CaCO<sub>3</sub>)

Disinfects in 5% organic soil load.

Useful in laboratory animal and animal breeder facilities.

READ THE LABEL BEFORE USING

COMMERCIAL

GUARANTEE:

Didecyldimethylammonium chloride	9.2%
Alkyl (C12, 67%; C14, 25%; C16, 7%; C18, 1%)	
dimethyl benzyl ammonium chloride	7.6%
Alkyl (C12, 40%; C14, 50%; C18, 10%)	
dimethyl benzyl ammonium chloride	6.2%

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

DANGER POISON

EYE AND SKIN IRRITANT

REGISTRATION NUMBER: 24788

PEST CONTROL PRODUCTS ACT

Pharmacia & Upjohn Animal Health  
40 Centennial Road  
Orangeville, Ontario L9W 3T3

DIRECTIONS FOR USE IN ANIMAL CARE FACILITIES, ANIMAL RESEARCH CENTERS, ANIMAL BREEDING FACILITIES, KENNELS AND ANIMAL QUARANTINE AREAS.

TO CLEAN AND DISINFECT HARD SURFACES: use 4 ml of Quatsyl-D Plus per liter of water. Prepare fresh solutions daily or when solution becomes visibly dirty.

- To clean badly soiled areas, use up to 12 mL per liter of water.
- To control mold and mildew growth on previously cleaned hard nonporous surfaces, use 4 mL per liter of water.

BOOT BATH: Use 8 mL of Quatsyl-D Plus per liter of solution in boot baths. Change solution daily and anytime it becomes visibly soiled. Use a nylon bristled brush to clean soils from boots.

DISINFECTING CHICK VANS, EGG TRUCKS, HATCHERY AND FARM VEHICLES: Clean and rinse vehicles and disinfect with 4 ml per liter of Quatsyl-D Plus solution. Rinse after 10 minutes contact.

Quatsyl-D Plus should not be mixed with other cleaning or disinfecting compounds or products. For complete information - see insert.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

DANGER: IRRITANT TO EYES. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. HARMFUL IF SWALLOWED. AVOID CONTAMINATION OF FOOD. WHEN HANDLING THE CONCENTRATE, OR WHEN THERE IS POTENTIAL FOR EYE CONTACT, WEAR GOGGLES. IF THE BUILDING OR ROOM MUST BE ENTERED, THE INDIVIDUALS ENTERING THE BUILDING OR ROOM MUST WEAR A SELF CONTAINED RESPIRATOR APPROVED BY NIOSH/MSHA. GOGGLES, LONG SHIRT SLEEVES AND PANTS. FOR GOOD HYGIENE PRACTICES, WEAR CHEMICAL RESISTANT GLOVES WHEN USING THIS PRODUCT.

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsions may be needed.

Do not spray or apply this product unless the workers are wearing a face mask with spray mist eliminating cartridges. Do not use Quatsyl-D Plus on feeders or waters and do not allow contact with food, feed or drinking water. Quatsyl-D Plus should not be mixed with other cleaning or disinfecting compounds. Do not use Quatsyl-D Plus on vaccination needles, equipment or diluent bottles as the residual germicide may render vaccines ineffective.

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 or poison control centre.

## QUATSYL-D PLUS

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Disinfects in 5% organic soil load.  
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## QUATSYL-D PLUS

- is a complete, chemically balanced disinfectant providing clear use solutions even in cold water.
- kills a broad range of gram-negative and gram-positive bacteria, fungi and viruses associated with the avian hatching industry, poultry, swine and livestock premises, laboratory animal facilities and kennels. (See antimicrobial efficacy chart on bottom of the label).
- contains sequestering agents, to prevent the precipitation of minerals and metals from hard water.
- deodorizes by killing most microorganisms that cause

offensive odors.

DIRECTIONS FOR USE IN ANIMAL CARE FACILITIES, ANIMAL RESEARCH CENTERS, ANIMAL BREEDING FACILITIES, KENNELS AND ANIMAL QUARANTINE AREAS.

Quatsyl-D Plus is a one-step germicide, fungicide, soapless cleaner and deodorant effective in the presence of organic soil (5% serum). It is non-selective and, when used as directed, will not harm tile, terrazzo, resilient flooring, concrete, painted, varnished wood, glass or metals.

- To clean and disinfect hard surfaces, use 4 ml of Quatsyl-D Plus per liter of water. Apply by immersion, flushing solution over treated surfaces or with a mop, sponge, cloth or bowl mop to thoroughly wet surfaces. Prepare fresh solution daily or when solution becomes visibly dirty.
- To clean badly soiled areas, use up to 12 mL per liter of water.
- To disinfect, allow treated surfaces to stand for at least 10 minutes before wiping or rinsing.
- To control mold and mildew growth on previously cleaned hard nonporous surfaces, use 4 mL per liter of water. Allow to dry without wiping. Reapply as new growth appears.

BOOT BATH: Use 8 mL of Quatsyl-D Plus per liter of solution in boot baths. Change solution daily and anytime it becomes visibly soiled. Use a nylon bristled brush to clean soils from boots.

DISINFECTING CHICK VANS, EGG TRUCKS, HATCHERY AND FARM VEHICLES: Clean and rinse vehicles and disinfect with 4 ml per liter of Quatsyl-D Plus solution. Rinse after 10 minutes contact.

BROAD SPECTRUM GERMICIDAL ACTION IN HARD WATER AND UNDER SOIL LOAD CONDITIONS: At 4ml per liter (1 :250) in official AOAC Use Dilution and Fungicidal Tests, Quatsyl-D Plus is effective in water up to 400 ppm hardness (as CaCO<sub>3</sub>) and an organic soil load of 5% serum against the following organisms:

#### BACTERIA

Pseudomonas aeruginosa (ATCC 15442) 6538)	Staphylococcus aureus (ATCC
Salmonella choleraesuis (ATCC 10708) (ATCC 4931)	Salmonella enteritidis
Enterobacter aerogenes (ATCC 63809) (ATCC 9547)	Streptococcus pyogenes
Pasteurella multocida (ATCC 7707) 13313)	Shigella dysenteriae {ATCC

Escherichia coli (ATCC 11229) (ATCC 4352)	Klebsiella pneumoniae
Alcaligenes faecalis (ATCC 8748) 6569)	Enterococcus faecium (ATCC
Serratia marcescens (ATCC 264)	(Streptococcus faecalis)
Proteus mirabilis (ATCC 25933) 9184)	Salmonella gallinarum (ATCC
Salmonella typhosa (ATCC 6539) 35086)	Bordetella avium (ATCC
Streptococcus agalactiae (ATCC 27916) 29930)	Shigella sonnei (ATCC
Salmonella pullorum (ATCC 9120) 25830)	Proteus morganii (ATCC

#### FUNGI

Aspergillus fumigatus (ATCC 10894) 18804)	Candida albicans (ATCC
Trichophyton mentagrophytes var. interdigitale (ATCC 9533)	

#### VIRUSES

Using accepted virus propagation and hard surfaces test methods, Quatsyl-D Plus is effective at 1:250 in 400 ppm hard water and 5% serum against the following viruses and Mycoplasma sp.:

Herpesvirus (ATCC VR-783) 19705)	Mycoplasma iners (ATCC
Canine parvovirus (ATCC VR-953)	Paramyxovirus (ATCC VR-109)
Coronavirus (ATCC VR-22) 281)	Parainfluenza (ATCC VR-
Birnavirus (ATCC VR-478) 135)	Herpesvirus (ATCC VR-
Mycoplasma gallisepticum (ATCC 15302)	Coronavirus (ATCC VR-763)

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#### DISPOSAL:

1) Rinse the emptied container thoroughly and add the rinsings to treatment site. 2) Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning. 3) Make the empty container unsuitable for further use. 4) Dispose of the container in accordance with provincial

requirements. 5) For information on the disposal of unused, unwanted product and the clean up of spills, contact the Provincial Regulatory Agency or the Manufacturer.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

DANGER: IRRITANT TO EYES. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. HARMFUL IF SWALLOWED. AVOID CONTAMINATION OF FOOD. WHEN HANDLING THE CONCENTRATE, OR WHEN THERE IS POTENTIAL FOR EYE CONTACT, WEAR GOGGLES. IF THE BUILDING OR ROOM MUST BE ENTERED, THEN THE INDIVIDUALS ENTERING THE BUILDING OR ROOM MUST WEAR A SELF CONTAINED RESPIRATOR APPROVED BY NIOSH/MSHA, GOGGLES, LONG SHIRT SLEEVES AND PANTS. FOR GOOD HYGIENE PRACTICES, WEAR CHEMICAL RESISTANT GLOVES WHEN USING THIS PRODUCT.

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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 or poison control centre.

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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40 Centennial Road  
Orangeville, Ontario L9W 3T3

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