

# ROCCAL-D<sup>®</sup> Plus

## VETERINARY AND ANIMAL CARE DISINFECTANT

### Bactericide • Fungicide • Virucide\*

\* See Side Panels for Specific Claims

\* Effective in 400-ppm Hard Water as (CaCO<sub>3</sub>) \* Disinfects in 5% Organic Soil Load

#### ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride.....9.2%  
 Alkyl (C<sub>12</sub>-61%, C<sub>14</sub>-23%, C<sub>16</sub>-11%, C<sub>18</sub>-2.5%, C<sub>8</sub> & C<sub>10</sub>,  
 2.5%) dimethyl benzyl ammonium chloride.....9.2%  
 Alkyl (C<sub>12</sub>-40%, C<sub>14</sub>-50%, C<sub>16</sub>-10%)  
 dimethyl benzyl ammonium chloride.....4.6%  
 bis-n-tributyltin oxide .....1.0%

**INERT INGREDIENTS:**.....76.0%

**TOTAL:**.....100.00%

EPA Reg. No. 61282-55-1007

EPA Est. No. 10183-MI-01

EPA Est. No. 61282-WI-01

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

#### FIRST AID

**Have label with you when obtaining treatment advice.**

<b>If in eyes</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
<b>If on skin or on clothing</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
<b>If swallowed</b>	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
<b>If inhaled</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).**

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER: Corrosive:** Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and rubber gloves when handling. Harmful or fatal if swallowed or inhaled. Avoid breathing vapors or spray mist. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

#### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

#### BROAD SPECTRUM GERMICIDAL ACTION IN HARD WATER AND UNDER SOIL LOAD CONDITIONS:

At 1/2 ounce per gallon (1:256) in official A.O.A.C. Use Dilution and Fungicidal Tests, ROCCAL-D<sup>®</sup> Plus is effective in water up to 400ppm hardness (as CaCO<sub>3</sub>) and an organic soil load of 5% serum against the following organisms:

#### BACTERIA

<i>Actinobacillus pleuropneumoniae</i>	ATCC 27088
<i>Actinomyces pyogenes</i>	ATCC 19411
<i>Alcaligenes faecalis</i>	ATCC 8748
<i>Bordetella avium</i>	ATCC 35086
<i>Bordetella bronchiseptica</i>	ATCC 19395
<i>Corynebacterium psuedotuberculosis</i>	ATCC 19410
<i>Enterobacter aerogenes</i>	ATCC 63809
<i>Enterococcus faecium</i> ( <i>Streptococcus faecalis</i> )	ATCC 6569
<i>Escherichia coli</i>	ATCC 11229
<i>Klebsiella pneumoniae</i>	ATCC 4352
<i>Mycoplasma hypopneumoniae</i>	ATCC 25934
<i>Mycoplasma gallinarum</i>	ATCC 19708
<i>Mycoplasma gallisepticum</i>	ATCC 15302
<i>Mycoplasma iners</i>	ATCC 19705
<i>Pasteurella multocida</i>	ATCC 7707
<i>Proteus mirabilis</i>	ATCC 25933
<i>Proteus morgani</i>	ATCC 25830
<i>Pseudomonas aeruginosa</i>	ATCC 15442
<i>Rhodococcus equi</i>	ATCC 6939
<i>Staphylococcus aureus</i>	ATCC 6538
<i>Salmonella choleraesuis</i>	ATCC 10708
<i>Salmonella enteritidis</i>	ATCC 4931
<i>Salmonella gallinarum</i>	ATCC 9184
<i>Salmonella pullorum</i>	ATCC 9120
<i>Salmonella typhosa</i>	ATCC 6539
<i>Serratia marcescens</i>	ATCC 264
<i>Shigella dysenteriae</i>	ATCC 13313
<i>Shigella sonnei</i>	ATCC 29930
<i>Streptococcus equi</i> var. <i>equi</i>	ATCC 33398
<i>Streptococcus agalactiae</i>	ATCC 27916
<i>Streptococcus pyogenes</i>	ATCC 9547
<i>Streptococcus equi</i> var. <i>zooepidermicus</i>	ATCC 43079

#### FUNGI

<i>Aspergillus fumigatus</i>	ATCC 10894
<i>Candida albicans</i>	ATCC 18804
<i>Trichophyton mentagrophytes</i> var. <i>interdigitale</i>	ATCC 9533

**VIRUSES:** Using accepted virus propagation and hard surface test methods, ROCCAL-D® Plus is effective at 1:256 in 400ppm hard water and 5% serum against the following viruses:

Avian influenza	ATCC VR-798
Avian laryngotracheitis	ATCC VR-783
Canine distemper	Onderstepoort strain
Canine herpesvirus	ATCC VR-552
Canine parvovirus	ATCC VR-953
Equine herpesvirus	ATCC VR-700
Equine influenza A	ATCC VR-297
Feline infectious peritonitis	Strain DF-2
Infectious bronchitis	ATCC VR-22
Infectious bursal disease (Gumboro)	ATCC VR-478
Newcastle's disease	ATCC VR-109
Parainfluenza	ATCC VR-281
Porcine parvovirus	ATCC VR-742
Pseudorabies	ATCC VR-135
Swine PRRS virus	Reference Strain, NVSL
Transmissible gastroenteritis	ATCC VR-763
Vesicular stomatitis virus	Indiana

ROCCAL-D® Plus is a complete, chemically balanced disinfectant providing clear use solutions even in hard water – is a residual bacteriostat and inhibits bacterial growth on moist surfaces – contains rust and corrosion inhibitors – deodorizes by killing most microorganisms that cause offensive odors – 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 inside panels). Contains sequestering agents, to prevent the precipitation of minerals and metals from hard water.

#### **DIRECTIONS FOR USE**

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

**DISINFECTING CHICK VANS, EGG TRUCKS, HATCHERY AND FARM VEHICLES:** Clean and rinse vehicles and disinfect with 1/2 ounce ROCCAL-D® Plus per gallon. If desired, rinse after 10 minutes of contact or leave unrinsed.

Do not use ROCCAL-D® Plus on vaccination equipment, needles or diluents bottles as the residual germicide may render the vaccines ineffective.

ROCCAL-D® Plus should not be mixed with other cleaning or disinfecting compounds or products.

**BOOT BATH:** Use 1 ounce per gallon in boot baths. Change solution daily and anytime it becomes visibly soiled. Use a nylon bristled brush to clean soils from boots.

**DIRECTIONS FOR USE IN VETERINARY CLINICS, ANIMAL CARE FACILITIES, ANIMAL RESEARCH CENTERS, ANIMAL BREEDING FACILITIES, KENNELS AND ANIMAL QUARANTINE AREAS:** ROCCAL-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 or varnished wood, glass or metals.

For cleaning and disinfecting the following hard nonporous surfaces: equipment, utensils, instruments, cages, kennels,

stables, stalls and catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals.

Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 1/2 ounce per gallon of water (or equivalent dilution) for a period of 10 minutes. Apply by immersion, flushing solution over treated surfaces or with a mop, sponge, cloth or bowl mop to thoroughly wet surfaces. To clean badly soiled areas, use up to 1½ ounces per gallon of water. To control mold and mildew growth on previously cleaned, hard nonporous surfaces, use 1/2 ounce per gallon. Allow to dry without wiping. Reapply as new growth appears. Prepare fresh solutions daily or when solution becomes diluted or soiled.

Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other equipment that dispenses food or water with soap or detergent, and rinse with potable water before reuse.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.  
*For Container Sizes 1 Gallon or Less:*

Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Discard in trash or recycle.

*For Container Sizes Greater than 1 Gallon:*

#### **PESTICIDE STORAGE:**

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 mixture or 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 by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### **CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the

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inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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