



# DC&R® Disinfectant

## Farm Premise and Veterinary Practice Disinfectant BACTERICIDE • FUNGICIDE • VIRUCIDE

### Product

DC&R Disinfectant is a non-flammable and non-corrosive formulation. It can be used in the following areas: poultry and turkey farms, hatcheries, swine operations, dairy farms, cattle farms, veal farms, equine farms, emu and ostrich farms, zoos, veterinary clinics, kennels, pet shops, Federally inspected meat and poultry establishments, except where meat and food products are handled, animal life sciences laboratories and in farm foot baths. DC&R Disinfectant can be used to disinfect pens, hutches, feeders, waterers, cages and livestock and poultry hauling vehicles and equipment.

To be used in disinfecting hard, non-porous surfaces of farm buildings and equipment which are for poultry and livestock production, veterinary clinics, kennels, and other non-livestock buildings. Especially suited for equipment, which may harbor or spread many germs or microorganisms within the farm operation, veterinary facility, or to other farms. Apply DC&R® Disinfectant with a mechanical spray device. Spray all surfaces to be disinfected until thoroughly wet.

<b>Active:</b>	Tris nitro, ammonium chloride, formaldehyde
<b>Use:</b>	Poultry and turkey farms, hatcheries, swine operations, dairy farms, cattle farms, equine farms, veterinary clinics, etc.
<b>Activity:</b>	Kills gram-negative and gram-positive bacteria, viruses and fungi
<b>Application:</b>	Apply with a mechanical spray device

### Packaging

Packaging	Shipping Weight	Product Code
4 x 1 gal (3.79 L)/case	39.4 lb (17.9 kg)	142041
2 x 2.5 gal (18.95 L)/case	45 lb (20.38 kg)	142145
55 gal (208 L) drum	551 lb (249.9 kg)	142135
<b>Dye Free</b>		
4 x 1 gal (3.79 L)/case	39.4 lb (17.9 kg)	142042

### Active Ingredients

2-(Hydroxymethyl)-2-Nitro-1, 3-Propanediol .....	19.2%
Alkyl (C <sub>12</sub> -67%, C <sub>14</sub> -25%, C <sub>16</sub> -7%, C <sub>8</sub> , C <sub>10</sub> , C <sub>18</sub> -1%) dimethyl benzyl ammonium chloride .....	3.08%
Formaldehyde .....	2.28%
Other Ingredients .....	75.44%
<b>Total.....</b>	<b>100%</b>

### Benefits

- DC&R has proven effective as a disinfectant by the AOAC against bacteria, viruses and fungi
- A unique combination of three active germicidal ingredients
- Kills organisms on contact...keeps killing for up to 7 days after application
- Retains its activity even in the presence of organic matter
- Scientifically formulated so that when sprayed onto a surface the active ingredient, HNP, slowly decomposes yielding germ-killing levels of formaldehyde
- Effective in both acid and alkaline pH range
- Non-corrosive
- Also available in a dye-free formula



800-621-8829 (USA/Canada) or 859-254-1221  
info@neogen.com | www.neogen.com



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**BACTERICIDE • FUNGICIDE • VIRUCIDE**

## Bacteria & Fungi

DC&R Disinfectant has proven effective as a disinfectant by the A.O.A.C. use dilution test modified for spray products against the following organisms. All dilutions 1:128 tested at 400 ppm water hardness (as calcium carbonate) and 5% calf serum.

<i>Mycoplasma pneumonia</i>	<i>Salmonella cholerasuis</i>
<i>Salmonella typhimurium</i>	<i>Salmonella enteritidis</i>
<i>Pasturella multocida</i>	<i>Clostridium perfringens</i>
<i>Escherichia coli</i>	<i>Campylobacter jejuni</i>
<i>Klebsiella pneumoniae</i>	<i>Enterobacter aerogenes</i>
<i>Proteus vulgaris</i>	<i>Streptococcus pyogenes</i>
<i>Bordetella bronchiseptica</i>	<i>Actinobacillus suis</i>

DC&R Disinfectant has proven effective fungicidal activity by the A.O.A.C. use dilution test modified for spray products. All dilutions 1:128 tested with tap water and 5% calf serum.

*Candida albicans*

## Viruses

\*DC&R Disinfectant has proven virucidal efficacy for use on hard, nonporous, inanimate environmental surfaces. All dilutions 1:128 tested at 400 ppm water hardness (as calcium carbonate) and 5% bovine serum.

<i>Pseudorabies</i>	<i>Newcastle's disease</i>
<i>Avian laryngotracheitis</i>	<i>Transmissible gastroenteritis</i>
<i>Avian Influenza</i>	<i>Swine influenza virus</i>
<i>Canine parovirus**</i>	<i>Feline panleukopenia**</i>
<i>Infectious bronchitis virus</i>	<i>Infectious Bursal Disease Virus</i>
<i>Porcine Respiratory and Reproductive Syndrome (PRSS)</i>	

\*DC&R Disinfectant has proven virucidal efficacy for use on hard, nonporous, inanimate environmental surfaces. All dilutions 1:256 tested at 400 ppm water hardness (as calcium carbonate) and 5% bovine serum.

*Porcine Epidemic Diarrhea Virus*

\*\* See specific instructions for Canine Parovirus and Feline Panleukopenia.

## Usage Rates

Task	U.S.	Metric
<i>General-Use</i>	1:128	8 mL/L
<i>Fogging</i>	1¼–2½ oz/gal	10 mL/L
<i>Canine Parvovirus &amp; Feline Panleukopenia</i>	3 oz/gal	9–20 mL/L

## Physical Properties

State	Liquid
Color	Pink
Odor	Faint Formaldehyde
pH, 25°C	7.5
Density	8.97 lbs/gal
Boiling Point	104°F
Volatility	83.14%
Soluble in H <sub>2</sub> O	Soluble
Solubility:	100%



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