

# DC&R<sup>®</sup> Disinfectant

**Bactericidal • Fungicidal • Virucidal\***

**For Control of Canine Parvovirus and Feline Panleukopenia in Veterinary Clinics and Kennels**

**ACTIVE INGREDIENTS:**

2-(Hydroxymethyl)-2-Nitro-1, 3-Propanediol.....19.20%  
 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%

**INERT INGREDIENTS:**.....75.44%

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

EPA Reg. No 134-65

EPA EST. NO. 61282-WI-1

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

For a Medical Emergency involving  
this product, call **1-800-498-5743**

**FIRST AID**

If in eyes:	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. Call a poison control center or doctor for treatment advice.
If on skin or clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled:	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 further treatment advice.
If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have a 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.

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 A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL 1-800-498-5743**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER: Corrosive.** Causes irreversible eye damage or skin burns. Harmful if absorbed through skin or inhaled. Do not get in eyes, on skin or on clothing. Wear protective eye-wear (goggles, face shield, or safety glasses). Avoid breathing vapor or spray mist. Prolonged or repeated skin contact may cause allergic reaction in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Pesticide handlers must wear: Long-sleeved shirt and long pants, chemical resistant gloves (such as any waterproof material, rubber, etc.), wear protective eyewear (goggles, face shield, or safety glasses), shoes plus socks. In addition, when engaged in pouring this product, a respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions are available for washables, use detergent and hot water. Keep and wash separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination Systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer treatment plant authority. For guidance contact your local State Water Board or Regional Office of EPA.

**GENERAL:** DC&R Disinfectant is a non-flammable and non-corrosive formulation. DC&R Disinfectant 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.

This specimen label is intended for use only as a guide in providing general information regarding the directions, warning and cautions associated with the use of this product. As with any disinfectant, always follow the label instructions on the package before using.

DC&R 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.

Mycoplasma pneumonia	Salmonella enterica
Salmonella typhimurium	Salmonella enteritidis
Pasteurella multocida	Clostridium perfringens
Escherichia coli	Campylobacter jejuni
Klebsiella pneumoniae	Enterobacter aerogenes
Proteus vulgaris	Streptococcus pyogenes
Bordetella bronchiseptica	Actinobacillus suis

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

Pseudorabies	Newcastle disease
Avian laryngotracheitis	Transmissible gastroenteritis
Avian influenza	Swine influenza virus
Canine parvovirus**	Feline panleukopenia**
Infectious bronchitis virus	
Infectious Bursal Disease Virus	
Porcine Respiratory and Reproductive Syndrome (PRRS)	

\*\*See specific instructions for Canine parvovirus and Feline panleukopenia

DC&R 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	Trychophyton mentagrophytes
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**DIRECTIONS FOR USE:**

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

*To be used for disinfecting hard, non-porous surfaces of farm buildings and equipment which are used for poultry and livestock production and 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.*

***Dilute DC&R Disinfectant one ounce per gallon of water.***

*Use as follows:*

**POULTRY AND LIVESTOCK BUILDINGS:** Evacuate all animals from buildings. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Spray all surfaces and allow DC&R Disinfectant to saturate all surfaces for 10 minutes. Equipment inside the building (cages for laying hens, for example) should

be first cleaned with soap or detergent, rinsed with water and then saturated as above with this product. Ventilate buildings, coops and other closed spaces. Do not house poultry, livestock or employ equipment until treatment has been absorbed, set or dried then thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

**EQUIPMENT:** Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all equipment surfaces (cages for laying hens, for example) with soap or detergent and rinse with water. Then thoroughly spray or soak all exposed parts of the cleaned equipment used in the poultry, livestock, or veterinary operation.

All treated feed racks, food bowls, mangers, troughs, automatic feeders, fountains and waterers must then be thoroughly scrubbed again with detergents and rinsed with potable water prior to reuse.

Immerse cleaned halters, ropes and other types of equipment used in handling and restraining animals; forks, and all shovels and scrapers used for removing litter and manure or feces and allow DC&R Disinfectant to saturate all surfaces for 10 minutes. Do not spray onto feed to be consumed by animals.

**FOGGING:** DC&R Disinfectant can be used in fogging (wet mist) operations as an adjunct either preceding or following regular cleaning and disinfecting procedures. DC&R at 1% to 2% is appropriate. A 1% to 2% mixture is achieved by mixing 1-1/4 to 2-1/2 ounces of DC&R Disinfectant to 1 gallon (128 ounces) of water. Fog (wet mist) until the area is moist using automatic wet fogger according to manufacturer's use directions.

**Reentry Restrictions:** Entry by any person- other than a correctly equipped handler is PROHIBITED in the entire enclosed building/structure from the start of application until aeration reduces the air concentration level of formaldehyde in the working area to less than 0.75 ppm. The air concentration of formaldehyde must be measured before reentry is permitted. (OSHA issued a final rule for the PL of formaldehyde as 0.75 ppm, May 27th, 1992, Federal Register, Vol. 57, p. 22290.) Any handler who enters the treated area during the entry-restricted period must wear: a respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

**\*\*FOR CANINE PARVOVIRUS & FELINE PANLEUKOPENIA:** DC&R Disinfectant is effective against Canine parvovirus and Feline panleukopenia when used at a three (3) ounces per gallon dilution. To control Canine parvovirus and Feline panleukopenia thoroughly clean all surfaces and mix three (3) ounces of DC&R Disinfectant in one gallon of water. Apply with a cloth, mop, sponge, as a spray or by soaking. Allow to air dry or area may be rinsed after 45 minutes. Except for the change in dose, the identical animal removal, pre-cleaning, water rinse, treatment, second cleaning and second water rinse directions listed in the building and equipment sections above, must be followed.

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**ALL OTHER NON-LIVESTOCK BUILDINGS AND FACILITIES including Veterinary Clinics, Kennels, and Pet Shops:** Thoroughly clean all surfaces with soap or detergent and rinse with water. Spray all surfaces to be disinfected and allow to saturate all surfaces for 10 minutes. The use rate is one (1) ounce of DC&R Disinfectant per gallon of water, unless the objective is to control Canine parvovirus or Feline panleukopenia, then you must follow the directions specific to that use. Ventilate buildings and other closed spaces.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** KEEP UPRIGHT WHILE MOVING AND IN STORAGE. Container equipped with a pressure relief closure. KEEP FROM FREEZING. Store in original container only, in safe manner. Do not store under conditions which might adversely affect the container or its ability to function properly. Reduce stacking height where local conditions can affect package strength. Open container in a well-ventilated area, avoid breathing vapor. Keep container tightly closed when not in use.

**SPILL CONTROL:** Soak up spill in a dry absorbent such as clay. Sweep it up, put into disposal containers and dispose as directed below. Wear protective clothing and equipment consistent with good pesticide handling procedures while exposed to spilled material.

**PESTICIDE DISPOSAL:** "Pesticide wastes are toxic. 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 representatives 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 incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

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.

In no event shall Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

Manufactured By:  
**Hess & Clark, Inc.**  
110 Hopkins Drive  
Randolph, WI 53956 U.S.A.

Code (NU.NI)  
Item Nos. 142041, 142135, 142145

**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 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.