

DC&R® Disinfectant

Bactericidal • Fungicidal • Virucidal*

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

Active Ingredients:

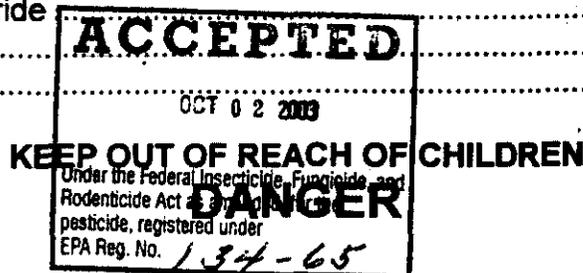
2-(Hydroxymethyl)-2-Nitro-1, 3-Propanediol 19.20%

Alkyl (C₁₂-67%, C₁₄-25%, C₁₆-7%, C₈, C₁₀, C₁₈-1%) dimethyl benzyl ammonium chloride 3.08%

Formaldehyde 2.28%

Inert Ingredients 75.44%

TOTAL 100.00%



EPA Reg. No. 134-65
EPA Est. No. 134-OH-1

Hess&Clark, Inc.
Ashland, OH 44805

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 by mouth-to-mouth, if possible. Call a poison control center or doctor for 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: 1-800-301-7976

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 eyewear (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 of 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.

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 choleraesius	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
Porcine Respiratory and Reproductive Syndrome (PRRS)		Infectious Bursal Disease Virus

**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.

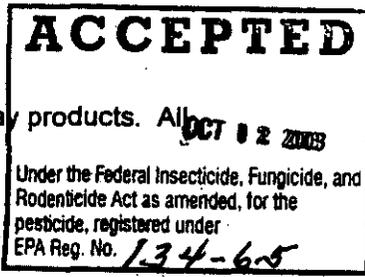
To be used for disinfecting hard, non-porous surfaces of farm buildings and equipment which are used for poultry and livestock production and veterinary clinics, kennels and other non-livestock buildings. Especially suited for equipment which may harbor or spread many germs or microorganisms within the 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 ¼ to 2 ½ 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 when used at a three (3) ounces per gallon dilution. To control Canine Parvovirus 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.

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.

WARRANTY DISCLAIMERS AND NOTICE

IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. LACK OF EFFICACY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS INAPPROPRIATE SURFACE OR SUBSURFACE AREA, THE PRESENCE OF OTHER, INCOMPATIBLE MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF HESS AND CLARK, INC., THE MANUFACTURER, OR SELLER. IN NO CASE SHALL HESS AND CLARK, INC., THE MANUFACTURER, OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER OR USER.

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SELLER'S EXCLUSIVE REMEDY
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 134-65