

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 28 1999

Hess and Clark, Inc.  
7th and Orange  
Ashland, OH 44805

Attn: Wendy A. McCombie, agent

Subject: DC and R Disinfectant  
EPA Registration No. 134-65  
Amendment Dated August 18, 1999

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), to add new bactericidal, virucidal, and fungicidal claims, is acceptable, provided that you:

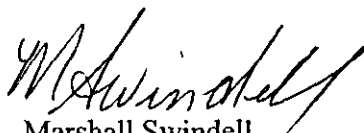
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) and sec. 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

Enclosures

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

2 of 4

**SPECIMEN LABEL**

# DC&R® Disinfectant

**BROAD SPECTRUM HOSPITAL DISINFECTANT**

**Bactericidal • Fungicidal • Virucidal\***

**For Control of Canine Parvovirus 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%
<b>Inert Ingredients</b> .....	<b>75.44%</b>
<b>TOTAL</b>	<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Causes severe eye irritation. Wear goggles or a face shield. Causes skin irritation. Harmful if inhaled or absorbed through skin. Do not get in eyes on skin or on clothing. Handlers must wear long-sleeved shirt and long pants, chemical resistant rubber gloves, shoes and socks. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not use on animals.

**STATEMENT OF PRACTICAL TREATMENT**

**If in eyes** – Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**If on skin** — Wash with plenty of soap and water. Get medical attention.

**If Inhaled** – Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**GENERAL**

DC&R Disinfectant is a vapor phase broad-spectrum surface disinfectant effective against gram positive and gram negative microorganisms. 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, Mushroom Farms, Potato Farms, 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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 28 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

132-65

304

# SPECIMEN LABEL

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.

Staphylococcus aureus  
Salmonella choleraesuis  
Salmonella enteritidis  
Pseudomonas aeruginosa  
Escherichia coli  
Klebsiella pneumoniae  
Proteus vulgaris  
Bordetella bronchiseptica

Mycoplasma pneumonia  
Salmonella typhimurium  
Pasteurella multocida  
Clostridium perfringens  
Campylobacter jejuni  
Enterobacter aerogenes  
Streptococcus pyogenes  
Actinobacillus suis

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 28 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

134-65

\*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  
Avian laryngotracheitis  
Avian influenza  
Canine Parvovirus\*\*  
Infectious Bronchitis virus  
Porcine Respiratory and Reproductive Syndrome (PRRS)

Newcastle disease  
Transmissible gastroenteritis  
Swine influenza virus

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

## DIRECTIONS FOR USE:

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

*To be used in the disinfection 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, by mopping, or by soaking. Spray or mop 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. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable

4044

# SPECIMEN LABEL

water before reuse.

**Equipment:** Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces 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 be thoroughly scrubbed 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. Fog (wet mist) until the area is moist using automatic wet fogger according to manufacturer's use directions.

**\*\*FOR CANINE PARVOVIRUS:** DC&R Disinfectant is effective against Canine Parvovirus when used at a three 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.

**ALL OTHER NON-LIVESTOCK BUILDINGS AND FACILITIES:** Thoroughly clean all surfaces with soap or detergent and rinse with water. Spray or mop all surfaces to be disinfected and allow to saturate all surfaces for 10 minutes. 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.

Hess&Clark, Inc.  
Ashland, OH 44805

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 28 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

134-65