

Vapor-Phase Surface Disinfectant containing 2-Hydroxymethyl-2-Nitro-1, 3-Propanediol Which Slowly Decomposes Yielding Formaldehyde

### DIRECTIONS FOR USE

To be used in the disinfection of farm buildings and equipment which are used for poultry and livestock production. Especially suited for equipment which may harbor or spread many disease germs within the farm operation or to other farms. Dilute DC&R Spray Fumigant one ounce per gallon of water. Use as follows:

#### EQUIPMENT

Clean first, emptying all troughs, racks, and other feeding and watering appliances. Then wet thoroughly all exposed parts of the equipment used in the poultry or livestock operation. Allow DC&R Spray Fumigant to penetrate through any dirt or other material which may be present. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers. Disinfecting action begins immediately. When disinfecting trucks used for hauling poultry or livestock, it is desirable to rinse the truck cab a few minutes after the spraying is completed. Do not rinse other parts of the truck. The release of formaldehyde is so slight little or no odor can be detected. However, allow reasonable ventilation for animals transported following disinfection. Do not spray onto feed to be consumed by animals. All treated feed racks, mangers, troughs, automatic feeders, fountains and waterers must be thoroughly scrubbed with detergents and rinsed with potable water prior to reuse.

#### BUILDINGS

Evacuate animals from the building. 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. Then thoroughly wet all exposed surfaces with DC&R Spray Fumigant allowing it to soak into cracks and crevices. Buildings should be disinfected inside and outside. The area within 15 feet surrounding the building should also be thoroughly wetted when possible. Equipment inside the building (cages for laying hens, for example) should be thoroughly wetted. Ventilate buildings, cars, boats, coops, and other closed spaces. Do not house poultry, livestock or employ equipment until treatment has been absorbed, set or dried. Little or no formaldehyde odor will be detected.

### PHENOL COEFFICIENTS

Salmonella typhosa ATCC 6539 .....8.1  
Staphylococcus aureus ATCC 6538 .....9.6

## DELST CHEMICAL & RESEARCH COMPANY

1156 North Fountain Way  
Anaheim, California 92806

U.S.D.A. Reg. No. 9600-1

\*Patent pending

Net Contents

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Alkyl (C<sub>12</sub>  
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orth Fountain Way  
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**DC&R  
 SPRAY  
 FUMIGANT\*  
 CONCENTRATE**



*"Only A Hint of Formaldehyde"*

**ACTIVE INGREDIENTS**

<b>2-Hydroxymethyl-2-Nitro-1, 3-Propanediol</b>	.....
	<b>19.20%</b>
<b>Formaldehyde</b> .....	<b>2.02%</b>
<b>Trisodium Phosphate</b> .....	<b>0.29%</b>
<b>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%)</b>	
<b>dimethyl benzyl ammonium chloride</b> .....	<b>2.29%</b>

<b>INERT INGREDIENTS</b> .....	<b>76.20%</b>
<b>Total</b> .....	<b>100.00%</b>

**CAUTION:** Keep from the reach of children. Do not  
 reuse container. Destroy when empty.  
 Harmful if swallowed. If swallowed,  
 induce vomiting. Call a physician. If the  
 material comes in contact with eyes,  
 flush immediately with water.

**2-Hydroxymethyl-2-Nitro-1, 3-Propanediol Which Yields Formaldehyde**

**USE FOR USE**  
 Buildings and equipment specially suited for equipment within the farm operation. One ounce per gallon.

**Directions:**  
 Evacuate animals from the building. 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. Then thoroughly wet all exposed surfaces with D&R Spray Fumigant allowing it to seep into cracks and crevices. Buildings should be closed inside and outside. The area within 15 feet surrounding the building should also be thoroughly wetted when possible. Equipment inside the building (including laying hens, for example) should be thoroughly wetted. Ventilate buildings and other closed spaces after treatment. Do not re-enter until treated area has been set or dried. Little or no formaldehyde should be detected.

# D&R SPRAY FUMIGANT\* CONCENTRATE



*Only A Hint of Formaldehyde\**

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**REGISTERED TRADEMARKS**

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# DC&R SPRAY FUMIGANT\*

## CONCENTRATE



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