

FIFRA SECTION 18 EMERGENCY EXEMPTION LABEL (Rev. 12/09/19)

AGENCY: U.S. Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS)

APPLICATORS: USDA–APHIS and those under APHIS’ oversight.

CHEMICAL: Virkon S (EPA Reg. No. 39967-137) and propylene glycol mixture

Virkon S A.I.: potassium peroxymonosulfate
sodium chloride

PESTS: Newcastle Disease Virus

EXEMPTION DATE: December 4, 2019 through December 4, 2022

USE SITES: Hard nonporous surfaces that are outdoors on poultry premises in freezing temperatures, including but not limited to, delivery trucks, tractors, farm vehicles, and other conveyances, farm equipment, and footwear.

USE DIRECTIONS: APHIS would use this product only during fall and winter months when infected premises experience freezing temperatures. All applicable directions, restrictions and precautions on the registered product for Virkon®S (EPA Reg. No. 39967-137) are to be followed.

Surfaces must first be cleaned prior to disinfection. Gross contamination, organic material, and debris must be removed via mechanical means like brushing (dry cleaning) and/or the use of water and soap or detergents (wet cleaning). Final solutions contain 20 or 40% propylene glycol, depending on air temperature. The colder the temperature, the more propylene glycol is necessary to keep the mixture from freezing. When mixing the Virkon S /propylene glycol solution, 20 or 40% of the water that is used to obtain 2% Virkon S per labeled directions must be replaced by the corresponding volume of propylene glycol.

Below treatment rates are based on outdoor temperatures.

| Outdoor Temperature Range | Total Formulation | Total volume of solution | water | PG | Virkon S | Contact time |
|-------------------------------|------------------------------------|--------------------------|------------------------|-----------------------|----------|--------------|
| 0 to -10 °C (32 to 14°F) | 80% water+ 20% PG+ Virkon S* | 1 gal (128 oz) | 8/10 gal (102.4 oz) | 2/10 gal (25.6 oz) | 2.7 oz | 10 min |
| | | 1 qt (32 oz) | 8/10 qt (25.6 oz) | 2/10 qt (6.4 oz) | 0.7 oz | |
| -11 to -25°C (12 to -13°F) | 60% water+ 40% PG+ Virkon S* | 1 gal (128 oz) | 6/10 gal (77 oz) | 4/10 gal (51 oz) | 2.7 oz | 20 min |
| | | 1 qt (32 oz) | 6/10 qt (19 oz) | 4/10 qt (13 oz) | 0.7 oz | |

*The volume of the Virkon S listed is based on Virkon S label directions. Virkon S is not typically taken into account in the total solution volume.

Once prepared, the diluted solution must be used as soon as possible, not to exceed 30 minutes beyond its preparation time. Spray or wipe solution onto surface until visibly wet. Allow appropriate contact time based on surface temperature (either 10 or 20 minute contact time). Keep surface visibly wet for full duration of contact time and reapply solution if necessary.

Treatments must be conducted on impermeable surfaces. Runoff will not be allowed to enter drains or water courses. Any runoff from treatment will be accumulated and disposed of properly.