

Neopredisan™ 135-1

**A disinfectant for the prevention
and control of Avian Influenza (AI).**

**Approved by the DVG
(German Veterinary Society)**



**Broad-
Spectrum
Disinfectant**

**PREVENT
AVIAN
INFLUENZA**

**DVG
APPROVED**



Deutsche Veterinarmedizinische Gesellschaft
German Veterinary Medical Society DVG e.V

INTRODUCTION

Avian Influenza (AI)

Avian Influenza (AI) can cause severe outbreaks leading to high mortalities in the poultry. AI is an A-type influenza virus that belongs to the **Orthomyxoviridae** family. It is an enveloped virus. Economic consequences in poultry are severe affecting egg production and quality, and high mortality.

AI can be prevented by strict biosecurity measures and correct vaccination. In cases of outbreaks, infected animals are culled and disposed of properly, and the entire poultry house and equipment thoroughly disinfected.

Prevention is better than cure and strict biosecurity measures include preventing the virus coming into your farm. **Neopredisan™ 135-1** can be used in these instances.

Neopredisan™ 135-1 is the product of choice for disinfection. Avian influenza belongs to a group of enveloped viruses and Neopredisan has been proven to inactivate enveloped viruses, including Avian Influenza. **Neopredisan™ 135-1** can therefore be used in the prevention and control of Avian Influenza.

Broad Spectrum Activity of Neopredisan;

Effective against Viruses, Bacteria, Fungi, excreted eggs and oocytes of endo- and ectoparasites.

Excreted eggs and oocytes of endo- and ectoparasites can remain for long periods on the floor and walls of the animal houses, as can viruses, bacteria and fungi. All these parasites and infectious agents, if not removed, will continue to re-infect & infect new animals entering the houses, with resultant production losses.

Neopredisan™ 135-1 is a broad-spectrum disinfectant for use against eggs from tape- and roundworms, eggs from lice and mites, micro-organisms that include bacterial vegetative organisms, all fungi, viruses, clostridial spores, coccidian oocysts and cryptosporidia.

WHAT DO WE LOOK FOR IN A DISINFECTANT?

- ✓ Broad spectrum efficacy
- ✓ Safe for handler when used as directed
- ✓ Easy to apply- simple application method with ordinary pressure machines
- ✓ Minimal residues- safe for animals & equipment in the house
- ✓ Less toxic for animals, humans and the environment.

ACTIVE INGREDIENT:

Preventol CMK (4-Chlor-m-cresol)

Biological degradation according to OECD-test guideline 301C is 90%

Acute toxicology:

- ✓ LD50 oral (rat): 2500mg/kg
- ✓ LD50 dermal (rat): >500mg/kg, 7 day exposure
- ✓ LD50 inhalation (rat): >0.7mg/litre, 4 hour exposure.

DIRECTIONS FOR USE:

- ✓ Pre-clean all surfaces and equipment in animal and poultry houses to be treated with a high pressure cleaner and allow surfaces to dry prior to disinfection.
- ✓ Mix the required amount of **Neopredisan™ 135-1** in the solution needed for disinfection.
- ✓ Apply with reduced pressure, reduced spraying rates, a large droplet size & a wide atomizing cone.

Foam application may be used- this is a visual spraying method ensuring that all surfaces are treated.

Foam also guarantees a longer time of exposure, even on vertical surfaces

PRODUCT USE:

Calculate the size of area in m² to be disinfected.

Use 0.4 litre of dilution (as below table) per m²

EFFICACY OF NEOPREDISAN™ 135-1 AGAINST:

TEST	NAME	EFFICACY	% SOLUTION
Enveloped viruses (e.g Avian Influenza)	A/H5N1	Within 1hr 30mins Within 1hr	2% 2.5%
Bacteria	<i>P. vulgaris</i> <i>P.aeruginosa</i>	100% after 30 mins	2%
Fungi	<i>C.albicans</i> <i>A.niger</i>	100% after 30mins	2%
Tuberculosis	<i>M.avium</i>	100% after 2hrs	4%
Cryptos- podium	<i>C.pervum</i>	94% after 1hr	3%
Clostrium	<i>C. perfringens</i> Spores type C	100% after 15mins	4%
Coccidia	<i>Eimeria tenella</i> <i>Eimeria tenella</i> <i>Isospora suis</i>	100% after 3hrs 98% after 4hrs 100% after 1hr	5% 4% 2%
Worm eggs	<i>Ascaris suum</i> <i>Heterakis</i>	100% after 2hrs	2%

PREPARATION OF DILUTIONS:

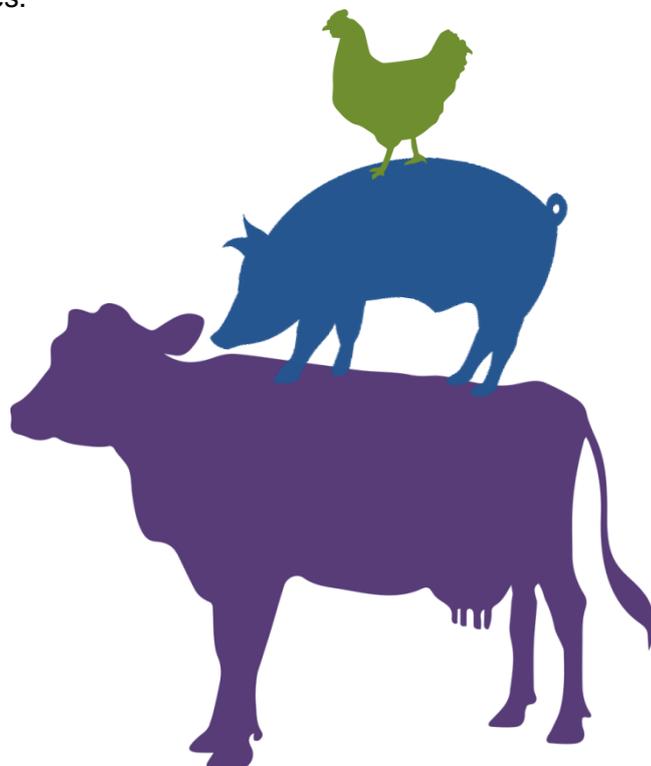
2%	Add 20ml of Neopredisan™ 135-1 to 1 litre of water
3%	Add 30ml of Neopredisan™ 135-1 to 1 litre of water
4%	Add 40ml of Neopredisan™ 135-1 to 1 litre of water
5%	Add 50ml of Neopredisan™ 135-1 to 1 litre of water

PRECAUTIONS & WARNINGS:

- ✓ Keep out of reach of children & untrained persons.
- ✓ Wear protective clothing, face & eye protection & glove when handling the product
- ✓ If accidental contact with eyes occur, flush with copious amounts of water and seek medical attention
- ✓ If accidental skin contact occurs with the concentrate, wash immediately with plenty of soap and water
- ✓ Harmful if swallowed. If ingestion occurs, seek immediate medical attention and show him/her the label
- ✓ Keep away from food, drink and animal feeds
- ✓ This product is flammable
- ✓ Dispose of containers in a safe manner and do not re-use for any other purpose.
- ✓ Do not contaminate water sources.

PACKAGING:

Neopredisan™ 135-1:
2 Ltr



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