



VENNO[®]

FF super

The advantages of:

DVG-listed in the 12th list of authorized disinfectants for animal husbandry. Effectiveness: against enveloped and unenveloped viruses, fungi and bacteria (exp. TbB). Stand May 2003



Formaldehyde-donator, reduced of formaldehyde (only 4,9 %)
Suitable also in presence of animals – if properly applicated

Effectiveness approvals against:

porzines Circo virus typ 2 (PCV 2), avian Influenza (bird flu),
european swine fever (ESP), foot and mouth disease (FMD),
felines calicivirus (FCV), salmonella typhimurium,
african swine fever (ASP), canines morbillivirus,
parvo virus, aspergillus fumigatus, TRT-virus,
streptococcus suis, escheria coli, PRRS,
ECBO virus, Reo Virus, vaccinia virus,
Aujeszky virus, 10 paramyxoviruses,
ornithobacterium rhinotracheale,
Newcastle Disease-Virus (ND),
staphylococcus aureus,
enterococcus faecium,
proteus mirabilis,
candida albicans,
pseudomonas
aeruginosa

Bears the quality seal
of the Deutsche
Landwirtschafts-
gesellschaft
(DLG)



The advantages of VENNO® FF super

- **Approved by the DVG (German Veterinary Society) registered in the 12th DVG-list of disinfectants for animal husbandry.**

Effectiveness against uncovered and covered viruses, fungi and bacteria (exkl. TbB). Deutsches Tierärzteblatt 05/2003, (German Veterinary Journal 05/03).

Prophylactic disinfection: 1 % - 1 hour reaction time,
Basic disinfection: 1 % - 2 hours reaction time,



- **Due to the short reaction times within 2 hours also suitable for prevention of epidemic diseases.**

Richtlinien des Bundesministeriums für Ernährung, Landwirtschaft und Forsten über Mittel und Verfahren für die Durchführung der Desinfektion bei anzeigepflichtigen Tierseuchen, 331/322-3602-19/1, Stand Februar 1997.

- **Effektive against porcine Circovirus Typ 2 (PCV 2)**

Test report Dr. A. Yilmaz, Institut für Geflügelkrankheiten der Justus-Liebig Universität Giessen, 11.11.2002. Result: According adjusted DVG-Guidelines effective at 1 % - 3 hours resp. 2 % within 2 hours.

- **Effective against felines Calicivirus (FCV) stock F9**

Test report Dr. A. Yilmaz, Institut für Geflügelkrankheiten der Justus-Liebig Universität Giessen, 14.10.2002. Result: According DVG-Guidelines effective at 20 °C with 0,5 % within 2 Stunden resp. acc. DVG-Guidelines at 10 °C with 2 % within 1 hour.

- **Effective against parovirus**

Test report Prof. Dr. O. R. Kaaden, Tierärztliche Hochschule Hannover, 29.08.86. Result of the suspension test following the DVG Guidelines: Inactivation at 4 °C with 0.5 % concentration, 60 min. reaction time.

- **Effective against European swine disease and Aujeszky's disease virus**

Test report Prof. Dr. Dr. h.c. B. Liess, Tierärztliche Hochschule Hannover, 20.05.1987. Result of the suspension test according to DVG Guidelines: Inactivation is obtained by a 0.5 % concentration within 15 min. reaction time.

- **Effective against 10 paramyxoviruses**

Test report Prof. Dr. E. F. Kaleta, Institute of Poultry Diseases of the Justus-Liebig-University, Giessen, 16.07.86. Result according DVG Guidelines: 0.5 % within 60 min. reaction time.

- **Effective against turkey rhinotracheitis virus (TRT virus)**

Test report Prof. Dr. E. F. Kaleta, Institute for Poultry Disease, Justus Liebig University, Gießen, 20.05.88. Result according to DVG Guidelines: 0.5 % within 60 min. reaction time.

- **The preparation VENNO® FF super has no protein defects**

Test report Prof. Dr. E. F. Kaleta, Institute of Poultry Diseases of the Justus-Liebig-University, Giessen, 16.07.86. Result of the suspension test according to DVG Guidelines with 40 % serum.

- **Effective against aspergillus fumigatus**

Test report Technical Microbiology Dr. J. Höffler, Hamburg, 24.02.87. Result according to DVG Guidelines: 2 % within 2h reaction time.

- **Effective against salmonella typhimurium, streptococcus suis type 2, escheria coli type 0149**

Test report lic. med. vet. Brigitta Svensmark & cand. med. vet. E. Okholm Nielsen, DANSKE SLAGTERIER-laboratoriet, DK-Kjeilerup, April 1991. Result of the suspension test according to DVG Guidelines: 1 %, with 60 min. reaction time.

- **Effective against PRRS, FMD (foot and mouth disease), ASP (African swine fever)**

Test report Dr. B. Haas Federal Research Centre for Virus Diseases of Animals, Tübingen, 23.01.93. Result of the suspension test according DVG Guidelines: 1 %, within 15 min.

- **Effective against ornithobacterium rhinotracheale**

Test report Prof. Dr. Dr. habil H. M. Hafez, Chemisches und Veterinäruntersuchungsamt, Stuttgart, 24.06.97. Result of the germ carrier test according to DVG Guidelines: 0.5 %, within 15 min reaction time.

- **Effective against canine morbilli virus**

Test report Prof. Dr. Dr. h.c. B. Liess, Tierärztliche Hochschule Hannover, 05.01.94. Result of the suspension test according DVG-Guidelines: 1 % within 15 min. reaction time.

- **Effective against Newcastle Disease Virus (ND), Vaccinia-Virus, Reovirus and ECBO-Virus**

Test report Prof. Dr. E. F. Kaleta, Institut für Geflügelkrankheiten der Justus-Liebig Universität Giessen, 15.07.1986. Result according DVG-Guidelines: Against all Viruses (complete virucidal column 7a DVG-list) 1,0 % for 120 min. Against uncovered Viruses (limited virucid column 7b of DVG-list) 0,5 % for 60 min.

- **Effective against Staphylococcus aureus, Enterococcus faecium, Proteus mirabilis, Pseudomonas aeruginosa, Candida albicans**

Test report Prof. Dr. G. Reuter, Institut für Lebensmittelhygiene, Freie Universität Berlin, 26.06.1986. Result of germ carrier test according DVG-Guidelines: Specific disinfection (column 4a) 1 % - 2 hours. Preventive disinfection (column 4b) 1,0 % - 1 hour. Fungicide disinfection (column 6) 1 % - 2 hours.

- **Formaldehyddonorator**

Odoure neutral, because formaldehyde reduced - less formaldehyd-content (4,9 % in the concentrate, resp. 0,049 % in the 1 % dilution).

- **Measuring the formaldehyde content of the room air:**

DEGUSSA AG, Frankfurt, 24.09.86: 0.5 ppm
Olfactory threshold value formaldehyde: 0.5 ppm
Threshold limit value: 0.5 ppm

- **Investigation on Biodegradability**

(Screening-Test according OECD 301 E) ÖKOLIMNA Ges. f. Ökologie und Gewässerkunde mbH, Burgwedel, August 1991. Test substance: VENNO® FF super, Test concentration: 50 mg/l. Result: 68 % (n. 28 d.).

- **Investigation into the corrosion of metals**

Report of Dr. W. Mick and Dr. H. Vogt NATEC-Institute, 09.07.1990. Result in accordance with DIN 50905: Aluminium, copper and brass are below the selected test conditions and therefore non-corrosive. Raw steel and zinc were only mildly attacked by the test solution (1 %). Under practical conditions (e.g. cleaning of cages etc. in the field of intensive animal rearing) these corrosion rates can be classified as negligible.



DIPLOMA

On the proposal of the Commission and on the grounds of the existing test report, the German Agricultural Association herewith confers the above quality seal approved by the RAL Committee for Delivery Terms and Quality Protection of the German Standardization Organisation to:

Company:
MENNO-CHEMIE-VERTRIEB GMBH, Norderstedt

for the following product:

Disinfectant for all kinds of animal houses
VENNO® FF super

Source and literature

Documentation of MENNO-CHEMIE-VERTRIEB GMBH.
All Test reports and expertises are available upon request.

MENNO CHEMIE-VERTRIEB GMBH

Langer Kamp 104 • D-22850 Norderstedt • Germany
P.O. Box 3310 • D-22826 Norderstedt • Germany
Tel.: + 49 40-529 06 67-0 • Fax: +49 40-529 06 67 66
E-mail: info@menno.de • Home: www.menno.de

Consultation:

