

PREVENTING AND EFFECTIVELY COMBATING ANIMAL DISEASES

Animal diseases are a permanent and serious threat. Due to uncontrolled spread, animal diseases can develop a rapid dynamic. Due to current developments, especially in the spread and emergence of SARS-Cov2, zoonoses are once again attracting greater public interest. The spread and mutations of viruses can only be countered by consistent and effective action at an early stage.

What risk do the current developments with avian influenza and African swine fever pose?

The avian influenza (A/H5N1) and the African Swine fever (ASF virus) are notifiable animal diseases and can cause enormous economic damage. They are highly contagious viral diseases that are fatal for the affected animals in most cases.

The ASF virus is harmless to humans. The A/H5N1 virus, on the other hand, has been reported to be transmitted to humans in mutated forms. Through further spread and mutations, this creates a potential for further zoonoses and pandemics. Viruses can generally be transmitted via aerosols, from host to host, or via contaminated equipment. For many viral diseases, there are no treatment options or vaccinations. Therefore, prevention plays a crucial role.

How can spreading be prevented?

The best way to prevent animal diseases is to maintain high hygiene standards.

The aim is to avoid a cross contamination and keep the damage to a minimum. For this purpose, animals' living quarters and equipment must be thoroughly cleaned and disinfected on a regular basis.

With the aid of suitable disinfectants, pressure sprayers and high-pressure cleaners, even large areas can be disinfected quickly and efficiently. High-pressure cleaners should be equipped with a mixing and dosing device for two-component detergents and disinfectants.

Independent test institutes have confirmed the outstanding biological disinfection effect of peracetic acid products. Even at very low temperatures below freezing, this active ingredient is still highly active and reliably inactivates pathogens. At the same time, the active ingredient is considered ecologically safe when handled correctly.

Absorbent, porous, biologically contaminated surfaces, such as those often found in stables, present a particular challenge for disinfection. Here too, studies have shown that peracetic acid compounds are extremely effective within very short contact times.

Peracetic acid as the active ingredient is therefore listed in the relevant reference lists, such as those of the RKI (Robert Koch Institute) for surface disinfection in the event of an epidemic (effective range AB) under the name Wofasteril. At Kärcher Futuretech, the product is available as BDS 2000, a buffered system consisting of two components.

FUTURETECH

Kärcher Group

PREVENTING AND EFFECTIVELY COMBATING ANIMAL DISEASES

Application equipment and disinfectants for virus control

Disinfection of surfaces minimizes the risk of contaminants being carried or transported to other areas and limits their further spread. Areas of application include animal farming, the food industry and laboratories, among others. In the following, we present our equipment and disinfectants that are ideal for the prevention of animal diseases.



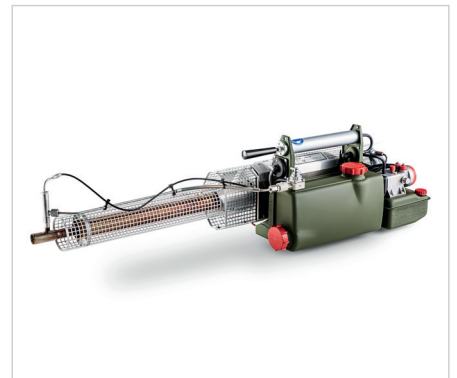
DS 5 und DS 10

The DS 5 and DS 10 are portable pressure sprayers that are ideal for dispensing almost all types of disinfectants. The DS 10 can additionally be fitted with a compressed air connection.



HD 5/11 Cage Classic DJ

The HD 5/11 Cage Classic DJ high-pressure cleaner impresses with its 110 bar water pressure, low weight and high mobility. The integrated dual injector and an Inno-Foam set simplify the switch between high pressure and foam application. This means that aqueous additive solutions such as BDS 2000 can be applied in foam form.



SN 50

The SN 50 is a thermal aerosol generator that can be used for disinfecting indoor areas. It converts the suitable agent into fine aerosol droplets and generates a floating mist. This allows even the smallest corners of rooms and niches to be disinfected effectively.



BDS 2000

BDS 2000 is composed of two components (Wofasteril & Alcapur) and, when mixed correctly, produces a disinfectant used for the treatment of surfaces contaminated with biological particles.

For more information, visit www.karcher-futuretech.com

FUTURETECH

Kärcher Group