Technical Data Sheet

Fermacidal D2 surface disinfectant, spray bottle

for cell biology

Order number: 7000

Introduction

Fermacidal D2 is ideal for a rapid daily disinfection of surfaces (sterile benches), objects and devices (CO_2 incubators) due to its disinfecting and cleaning characteristics. **Fermacidal D2 effectively deactivates bacteria, fungi and viruses**. It dissolves dried bloodstains and eliminates smells with an immediate and long-term efficacy. Fermacidal D2 does not contain any corrosive or toxic ingredients such as mercury, formaldehyde, phenol or alcohol. It does not stain or irritate the skin and has good compatibility to all kinds of materials like rubber, plastic, and metal without oxidizing them. Furthermore, Fermacidal D2 is odorless, non-volatile and non-toxic for cells in culture. Fermacidal D2 is offered as a r*eady-to-use* formulation.

- ✓ registered and approved at BAuA (*Bundesanstalt für Arbeitsschutz und Arbeitsmedizin)* and BAG (*Bundesamt für Gesundheit*)
- ✓ listed by VAH (*Verbund für Angewandte Hygiene*)
- ✓ Approval of the following application areas:
- Disinfectants for the private and public health sector and other biocidal products in the public health sector
- Biocidal products for veterinary hygiene
- Disinfectants for the food and feed sector

Range of action*

The active ingredient of Fermacidal D2 is a mixture of highly effective quaternary ammonium compounds. **Fermacidal D2 is bactericide (E. coli, S. aureus, P. aeroginosa, mycobacteria, mycoplasma) and fungicide (Candida). It is** effective also against Hepatitis B, HIV, Rota-viruses, Influenza A viruses (H5N1 avian flu and H1N1 swine flu) and coronaviruses.

* Effectiveness was tested using the following test methods: EN 1276:2010, EN 1040, EN 1650; EN 16615, EN 14476 :2005, EN 13697, EN 13727; EN 13624
Test Organisms: Staphylococcus aureus, MRSA, Pseudomonas aeruginosa, E. coli, Enterococcus hirae, Mycobacterium phlei, Mycobacterium terrae, Mycobacterium avium, Salmonella typhimurium, Aspergillus niger, Candida albicans, Trichophyton mentagrophytes, Hepatitis B, HIV, Hepatitis C, Rotavirus, Norovirus, Influenza A, Picornavirus, Poliovirus, Adenovirus.

neoFroxx GmbH
Marie-Curie-Str. 3
D-64683 Einhausen

www.neofroxx.com
Phone +49 (6251) 989 24-0
info@neofroxx.com

Focus areas

Fermacidal D2 has been developed for the decontamination and cleaning of surfaces, objects and devices. Due to its formulation, the disinfectant is particularly suitable for use in laboratories of private and public research institutions (cell biology, clinical microbiology, pharmacy, medicine, genetics, etc.), hospitals, as well as for cell culture-based production facilities (vaccine production, production of biopharmaceuticals, etc.)

Application

Spray, immerse or rinse the object to be cleaned with Fermacidal D2. Do not dilute!

Spray surfaces (sterile benches, centrifuges, pcr-cycler, fridges, tables, pipettes, handles, fittings etc.) daily for disinfection. Make sure that the area to be decontaminated is completely wetted with the disinfectant. Don´t wipe but let air dry after spraying since the drying time is a crucial factor for efficacy.

Cell culture laboratories: **Fermacidal D2 is the agent of choice for disinfecting CO_2 incubators**. We recommend to spray incubators once every 2 weeks. It is not necessary to empty the incubator before spraying. Nevertheless, since routine cleaning of the incubator is a must for maintenance of high hygienic standards, it is recommended to sterilize the empty incubator directly after cleaning.

Related products

1131	IncuwateX water bath stabilizer (100X) for cell biology (for water reservoir within the CO_2 incubator)
1684	AquawateX water bath stabilizer (500X) for cell biology
1510	Penicillin/Streptomycin solution for cell biology
20-700-20	EZ-PCR-Mycoplasma Test
03-036-1	BIOMYC-1 Antibiotic Solution 100X conc.
03-037-1	BIOMYC-2 Antibiotic Solution 100X conc.
03-038-1	BIOMYC-3 Antibiotic Solution 100X conc.
1119	PCR Mycoplasma testing kit for cell biology
1306	MycoplasmaX 1 (100X sterile Tiamulin solution) for cell biology
1307	MycoplasmaX 2 (100X sterile Minocycline solution) for cell biology
1308	MycoplasmaX 3 (100X sterile Ciprofloxacin sol.) for cell biology
LC-10239	Ethanol 70% denatured, for surface disinfection
8000	CoronaXX handrub solution according to WHO formulation 1 (80 % Ethanol)
9000	CoronaXX plus handrub solution similar to WHO formulation 2 with 2-Propanol

JB18092020,

neoFroxx GmbH
Marie-Curie-Str. 3
D-64683 Einhausen

www.neofroxx.com
Phone +49 (6251) 989 24-0
info@neofroxx.com