FICHE TECHNIQUE

GERMI-10

Disinfectant • Sanitizer • Virucide • Deodorant • Mildewstat

Antiseptic – D.I.N. : 02252392
N-ALKYL (5% C12, 60% C14, 30% C16, 5% C18)
dimethyl benzyl ammonium chlorides 5%
N-ALKYL (68% C12, 32% C14)
dimethyl ethyl benzyl ammonium chlorides 5%



DESCRIPTION

UNICA GERMI-10 is designed specifically for hospitals, food processing plants, dairies, restaurants, bars, animal quarters, kennels and institutions where disinfection, sanitization, deodorization and mildewstat is of prime importance. When used as directed, this product is formulated to disinfect cleaned inanimate hard surfaces (walls, floors, counter tops, tables, chopping blocks, drinking glasses and eating utensils). GERMI-10 deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas which are prone to odours caused by micro-organisms. It can also be use to sanitize category grade eggs in shell and egg product processing plant.

AVANTAGES

1. Kill 99.9% of germs.
2. Antiseptic product, accepted by Agriculture Canada - Food Production and Inspection Branch, requested for use in food plants.
3. Specially formulated for institutions where disinfection, sanitization and deodorization are of prime importance.
4. Disinfect, sanitize and controls odours in one step.
5. Biodegradable and safe for the environment.

TECHNICAL DATA

pH (as is)	7.5 –8.0
Density (20°C)	1.02 g/cc
Colour	Blue
Fragrance	Fresh scent
Characteristic	None
Biodegradability	Complete
Flash Point	More than 95°C
Freezing Stability	Keep out from freezing

Degradability determined in accordance with OECD no. 301D.

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MODE D'EMPLOI

DISINFECTION – To disinfect pre-cleaned inanimate hard surfaces, apply this product with mop, cloth, sponge or coarse (trigger) spray so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Prepare a fresh solution for each use.

GENERAL DISINFECTION – Add 22 ml of GERMI-10 per 4 litres of water for disinfection against Staphylococcus aureus, Salmonella choleraesuis, Listeria monocytogenes, Yersinia enterocolitica. Escherichia coli and E. coli 0157:H7.

HOSPITAL DISINFECTION - Add 22 ml. of GERMI-10 per 4 litres of water for disinfection against Pseudomonas aeruginosa.

OTHER USES – For disinfection of pre-cleaned poultry equipment (brooders, drinking troughs, feeding equipment), animal quarters and kennels, apply a solution of 22 ml of GERMI-10 per 4 litres of water. Small utensils should be immersed in this solution. Prior to disinfection, all poultry, other animals and their feed must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied and traversed by poultry or other animals and thoroughly clean all surfaces prior to disinfection.

After disinfection, ventilate building, coops and other closed spaces. Do not house poultry other animals or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

DESINFECTING POTATO STORAGE AREA AND EQUIPMENT – Remove all potatoes prior to disinfection of potato storage area or equipment. Pre-clean hard surfaces by removing heavy soil or gross filth. Follow GENERAL DISINFECTION procedure. All treated surfaces must be thoroughly rinsed with potable water.

VIRUCIDAL ACTIVITY – This product, when used on pre-cleaned, environmental inanimate hard surfaces at 22 ml of GERMI-10 per 4 litres of water exhibits effective virucidal activity against Influenza A2/Japan (representative of the common flu virus), herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus type 5 (causative agent of upper respiratory infections), Vaccinia virus (representative of the pox virus group), and Avian influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection).

DOEDORIZATION – To deodorize, apply this product as indicated under the heading GENERAL DISINFECTION.

MILDEWSTAT – To control mold and mildew on pre-cleaned, hard, non-porous surfaces, add 22 ml of GERMI-10 per 4 litres of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

Efficiency tests have demonstrated that this product is an effective bactericide and virucide in the presence of organic soil (5% blood serum).

SANITIZATION – For use in restaurants, dairies, food processing plants, and bars. When used as directed, GERMI-10 is an effective sanitizer against Escherichia coli, Yersinia enterocolitica, Staphylococcus aureus and E. coli 0157:H7.

Remove all gross food particles and soil from areas which are to be sanitized with good detergent, pre-flush, pre-soak or pre-scrape treatment. Rinse with potable water.

To sanitize pre-cleaned and potable water-rinsed, non-porous, food contact surfaces – Prepare a 200 ppm active quaternary solution by adding 8 ml of GERMI-10 to 4 litres of water.

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To sanitize immobile items such as tanks, chopping blocks and counter tops, flood the area with 220 ppm active quaternary solution for at least 60 seconds making sure to wet all surfaces completely. Remove, drain the solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

To sanitize mobile items such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds making sure to immerse completely. Remove, drain the solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

When used for sanitization of previously cleaned food equipment or food contact items, limit the active quaternary to 200 ppm. No potable water rinse is required. GERMI-10 is an effective sanitizer when diluted in water up to 750 ppm hardness (CaCO3).

To sanitize previously cleaned food-grade eggs in shell and egg product processing plants, spray with a solution of 8 ml of GERMI-10 in 4 litres of warm water (200 ppm quat.). The solution should be warmer than the eggs, but no to exceed 54ºC. Wet eggs thoroughly and allow to drain. Eggs to be stored following treatment need no be rinsed. *Eggs sanitized with this product shall be subjected to a potable water rinse if they are to be broken immediately for use in the manufacture of egg products. Eggs should be reasonably dry before casing or breaking. The solution should no be reused for sanitizing eggs.

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