Micro-Scientific

Opti-Cide³®

Hard, Non-Porous Surface Sanitizer**
Disinfectant Cleaner

- Bactericidal / Fungicidal / Virucidal** / Tuberculocidal
- Hospital / Medical / Surgical / Veterinary
- One step disinfectant action on pre-cleaned surfaces
- Ready-to-Use

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for First Aid and additional Precautionary Statements.

ACTIVE INGREDIENTS:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Alkyl (65% C₁₂, 30% C₁₄, 5% C₁₈) dimethyl benzyl ammonium chloride</td>
<td>0.154%</td>
</tr>
<tr>
<td>n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethyl benzyl ammonium chloride</td>
<td>0.154%</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>21.000%</td>
</tr>
<tr>
<td>OTHER INGREDIENTS</td>
<td>78.892%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>100.000%</td>
</tr>
</tbody>
</table>

2.5 Gallons (9.5 L)
ORDER NO.: OCP02-320

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Apply this unlabeled product by spray, dip, or immersion to wet all surfaces thoroughly.

Hospital/Surgical/Home Healthcare

Use this product to clean, disinfect and sanitize** hard, non-porous non-food contact surfaces, food contact surfaces**, inanimate surfaces such as those made of acrylic, metals (aluminum, brass, stainless steel), chrome, glass, plastics (polycarbonate, polyprene, polystyrene and polyvinylchloride), clear plastics, Plexiglas®, vinyl as well as laminated and painted surfaces. This product is effective in clinical areas, child care facilities, dialysis centers, drug preparation facilities, emergency medical service (EMS) units, exam rooms, isolation rooms, infant care facilities, laboratories, neonatal intensive care units (NICU), operating rooms, ophthalmology facilities, patient care rooms, pediatric units, personal care service facilities, pharmacies, physical therapy facilities, primary care facilities, GI labs, sick rooms and in other similar establishments.

May be used on items such as anesthesia machines, monitors, beds, bedsrails, bedside devices, biohazard team equipment, birthing room fixtures, blood bank equipment surfaces, blood pressure equipment, chest pumps, coated mattresses, computer keyboards and screens, colon equipment surfaces, drug preparation equipment, empty whirlpool tanks**, endoscopes, emergency room stretchers, exam room surfaces, floors, glucometers, goniolens, empty hydrotherapy units, infant care equipment, Isollettes*, infusion pump surfaces, lab benches, mats, mattress covers, operating room surfaces, oxygen hoods, patient beds, physician office surfaces, respiratory therapy equipment, skin care equipment surfaces, telemetry equipment, tonometer equipment surfaces and other similar items.

Veterinary/Animal Care

This product is effective in animal/pet care facilities, animal control facilities, vehicles, breeding facilities, detention facilities, animal hospitals, laboratories, research facilities, shelters, show facilities, zoos and other similar establishments.

May be used on items such as animal cages, examination tables, aquariums, bird cage surfaces, mouth bits**, exam room surfaces, fish tanks**, grooming tables, clippers, horse trailers, incubators, kennels, laboratory fixtures, litter boxes, pooper scoopers, pumps, reptile habitats, stalls, surgical tables, veterinary equipment surfaces, veterinary operating room lights and tables and other similar items.

When used as directed this product effectively kills the following microorganisms at room temperature with a: 10-second sanitization** time against: Enterobacter aerogenes**, Staphylococcus aureus**, 2-minute disinfectant contact time against: Acinetobacter baumannii, Avian Influenza A (H3N2) (Reassortant Virus), Escherichia coli - with extended beta – lactamase resistance (ESBL) (E. coli), Hepatitis B Virus** (HBV), Hepatitis C Virus** (HCV), Human Immunodeficiency Virus** (HIV-1) (associated with AIDS), Influenza A Virus, Klebsiella pneumoniae, Campylobacter jejuni, Listeria monocytogenes, Methicillin-Drug Resistant Staphylococcus aureus (MRSA), Mycobacterium bovis BCG (tuberculosis) (TB), Pseudomonas aeruginosa, Rotavirus**, Salmonella enterica, Serratia marcescens, Staphylococcus aureus, Swine Influenza A Virus (H1N1) (formerly known as ‘swine flu’), Trichophyton mentagrophytes (Ringworm) and Vancomycin-Resistant Enterococcus faecalis (VREF). For disinfection of Avian Influenza A, use this product as a spray only for surfaces that are not conducive to treatment by immersion or excess liquid.

When used as directed this product effectively kills the following microorganisms at room temperature with a: 5-minute contact time against: Bordetella bronchiseptica (kennel cough), Canine Distemper Virus**, Canine Parainfluenza Virus**, Chlamydia psittaci (Parrot Fever), Feline Leukemia Virus, Infectious Bowel Rhinoviruses**, Norovirus**, Parvovirus**, and Rotavirus** and 5-minute contact time against: Canine parvovirus**.

Prior to surface cleaning and disinfection, remove visible debris such as animal excrement and bedding materials such as blankets, litter, woodchips, hay or straw.

**Envelope/Lipophilic Type Virus; †Non-Envelope/Hydrophilic Type Virus

Veterinary/Animal Care

When used as directed this product effectively kills the following microorganisms at room temperature with a: 3-minute contact time against: Bordetella bronchiseptica (kennel cough), Canine Distemper Virus**, Canine Parainfluenza Virus**, Chlamydia psittaci (Parrot Fever), Feline Leukemia Virus, Infectious Bowel Rhinoviruses**, Norovirus**, Parvovirus**, and Rotavirus** and 5-minute contact time against: Canine parvovirus**.

Prior to surface cleaning and disinfection, remove visible debris such as animal excrement and bedding materials such as blankets, litter, woodchips, hay or straw.

*Envelope/Lipophilic Type Virus; †Non-Envelope/Hydrophilic Type Virus

NEMS12-5-82575B-0716

70144-1_Opti-Cide3_20161026_1_70144_.pdf
NON-FOOD CONTACT SURFACES:

- For surface cleaning: Prior to surface disinfection or sanitization**, pre-clean surfaces, making sure to remove all gross filth and heavy soil, by saturating surfaces with this product by spray, mop, rag, towel, paper towel, pour or immersion then wipe surface clean. Repeat, if necessary, until surfaces are visibly clean. Discard paper towels or launder cloth towels before reusing.

- For cleaning walls and floors: In a clean bucket, dilute 2 to 4 oz. of this product per gallon of warm, clean, potable water. Thoroughly damp-mop using a clean mop, cloth towel, or sponge. Allow to air dry. For use as a pre-cleaning spot or stain removal spray treatment: Thoroughly spray soiled area, allow to remain wet for at least 10 seconds before laundering as usual.

- For surface sanitization: Apply this product to clean surfaces by sponge, cloth, mop, spray or immersion to wet all surfaces thoroughly. Allow to remain visibly wet for 10 seconds for non-food contact surfaces at room temperature, then wipe surfaces using a clean mop, paper, or cloth towel; or rinse surface using potable water or wipe surface dry or allow to air dry. Discard or launder spent materials before reuse.

- For surface disinfection: Apply this product to pre-cleaned surfaces by sponge, cloth, mop, spray or immersion to wet all surfaces thoroughly. Allow to remain wet as appropriate, then wipe dry using a mop, clean paper or cloth towel; or rinse surface using potable water and wipe surface dry or allow to air dry. Discard or launder spent materials before reuse.

FOOD CONTACT SURFACES:

- For surface sanitization: Apply this product to clean surfaces by sponge, cloth, mop, or immersion to wet all surfaces thoroughly. Allow to remain visibly wet for 1 minute for food contact surfaces at room temperature then wipe surfaces using a clean mop, paper or cloth towel; or rinse surface using potable water or wipe surface dry or allow to air dry. Discard or launder spent materials before reuse.

INSTRUMENTS / DEVICES:

- For use as a pre-cleaning instrument/device soak: Fill appropriately-sized container with a sufficient amount of this product to allow for complete submersion of items. Place items into solution and allow soak for 2 minutes. Be certain to flush lumens of hollow devices with this product. Remove items and rinse. For critical and semi-critical items, follow with the appropriate cleaning and disinfection or sterilization process. Change solution as needed, i.e., when the solution becomes diluted or visibly soiled.

- For use as a pre-cleaning spray: Place item into a suitable container. Thoroughly spray item with this product until drenched, thoroughly rinse. Follow with an appropriate terminal cleaning and sterilization/disinfection process.

- For use as an ultrasonic cleaning solution: Prepare the ultrasonic bath using a dilution ratio of 1 fl. oz. of this product with 1 quart of warm, clean, potable water. Place items into the ultrasonic bath, activate unit and allow unit to operate until items are visibly clean. Remove items and thoroughly rinse under running cool tap water. Proceed with appropriate disinfection or sterilization process.

- For use as a non-critical medical item disinfection immersion solution: Thoroughly pre-clean items being sure to remove all gross filth and heavy soil, then rinse and dry. Allow for complete submersion of items, place pre-cleaned item(s) into an appropriate container that has been filled with this product. Flush lumens of hollow devices with this product. Allow item(s) to remain submerged for 2 minutes. Remove, rinse with clean, potable water and dry. Change solution daily or when it becomes visibly soiled or discolored.

- For use to decontaminate, pre-clean flexible endoscopes prior to handling during terminal reprocessing: Immediately after use and while the scope is still connected to the light source, thoroughly wipe the exterior surface of the insertion tube using a sponge saturated with this product until visibly clean. Flush the internal channels of the scope, suctioning this product through the internal channels, through the suction tubing and into the suction jar until the solution is visibly clean. Cover the scope and transport to the appropriate area for terminal reprocessing. ** When indicated for Sanitization use *** When indicated for food contact sanitization

**HBV, HCV and HIV-1 Precautions:** This product kills HBV, HCV and HIV-1 on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in health care or other settings where there is an expected likelihood of soiling of inanimate surfaces/objects with blood/body fluids, and in which the surfaces/objects can be associated with the potential for transmission of HBV, HCV and/or the human immunodeficiency virus Type-1 (HIV-1) associated with AIDS. Special instructions for cleaning and decontamination of HBV, HCV and HIV-1 of surfaces/objects soiled with blood/body fluids:

- Personal Protection: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks and eye coverings. Continue with Pesticide Disposal instructions. Dispose of in accordance with local regulations for infectious materials disposal.

- Cleaning Procedure: Blood and body fluids must be thoroughly cleaned from surfaces/objects before disinfection. Contact Time: Allow the surface to remain wet for 2 minutes. Infectious Materials Disposal: Cleaning materials used that may contain blood/body fluids must be autoclaved and/or disposed of in accordance with local regulations for infectious materials disposal.

This product is not to be used as a terminal sterilant or high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes, but which does not ordinarily penetrate sterile areas of the body, or (3) contacts intact mucous membranes, but which does not ordinarily penetrate the blood barrier or otherwise enter sterile areas of the body. This product may be used to pre-clean or decontaminate critical and semi-critical medical devices prior to sterilization or high-level disinfection.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in original container in a cool, well-ventilated area inaccessible to children and pets. Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on-site or in an approved waste disposal facility. Container Disposal: Non-refillable container. Do not reuse or refill this container. Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: May be harmful if inhaled or absorbed through skin. May cause moderate eye irritation. Avoid breathing vapors and contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-535-5053 for emergency medical treatment information.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

Manufactured in the USA for:
Micro-Scientific, LLC
755 Tri-State Parkway
Gurnee, IL 60031 USA
Toll-Free: 1-888-253-2536
International: 1-847-454-0835
EPA REG. NO. 70144-1
EPA EST. 1130-IL-1

NEMS12.5-84149A-0716

FOR POSITION ONLY
HUMAN READABLE%ACCURATE