

# SURTEC, Inc. *Surface Technology*

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## SURTEC EPP - ENVIRONMENTALLY PREFERRED PRODUCT TEC-CIDE 128

HQ-974

### ONE-STEP DISINFECTANT GERMICIDAL DETERGENT AND DEODORANT

Disinfectant Staphylocidal Bactericidal Mildewstatic Pseudomonacidal  
Salmonellacidal Fungicidal \*Virucidal

A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 400 ppm (calculated as CaCO<sub>3</sub>) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC Use-dilution Test. Disinfects, cleans and deodorizes in one labor-saving step. For use in hospitals, nursing homes, schools, colleges, commercial and industrial institutions, office buildings, veterinary clinics, animal life science laboratories, zoos, pet shops, airports, kennels, hotels, motels and grooming establishments. Disinfects, cleans, and deodorizes the following hard, nonporous, inanimate surfaces: floors, walls, (non-medical) metal surfaces, (non-medical) stainless steel surfaces, glazed porcelain, plastic surfaces (such as polypropylene, polystyrene, etc.). Effective against the following pathogens:

Pseudomonas aeruginosa<sup>1</sup>  
Staphylococcus aureus<sup>1</sup>  
Salmonella enterica  
Acinetobacter calcoaceticus  
Bordetella bronchiseptica  
Chlamydia psittaci  
Enterobacter aerogenes  
Enterobacter cloacae  
Escherichia coli<sup>1</sup>  
Fusobacterium necrophorum  
Klebsiella pneumoniae<sup>1</sup>  
Legionella pneumophila  
Listeria monocytogenes  
Pasteurella multocida  
Proteus mirabilis  
Proteus vulgaris  
Salmonella enteritidis  
Salmonella typhi

Salmonella typhimurium  
Serratia marcescens  
Shigella flexneri  
Shigella sonnei  
Staphylococcus epidermidis<sup>2</sup>  
Streptococcus faecalis<sup>1</sup>  
Streptococcus pyogenes  
Community Associated Methicillin-Resistant Staphylococcus aureus - [CA-MRSA] (NRS384) (USA300)  
Community Associated Methicillin-Resistant Staphylococcus aureus - [CA-MRSA] (NRS123) (USA400)  
Enterococcus faecalis-Vancomycin Resistant (VRE)  
Staphylococcus aureus -Methicillin resistant -(MRSA)  
Staphylococcus aureus-Vancomycin Intermediate Resistant-(VISA)

(Viruses:)  
\*Adenovirus Type 4  
\*Hepatitis B Virus (HBV)  
\*Hepatitis C Virus (HCV)  
\*Herpes Simplex Type 1  
\*Herpes Simplex Type 2  
\*Human coronavirus  
\*HIV-1 (AIDS virus)  
\*Influenza A / Hong Kong  
Influenza  
\*Rotavirus [WA]  
\*Respiratory Syncytial Virus (RSV)  
\*Rubella (German Measles)  
\*SARS Associated Coronavirus  
\*Vaccinia

Kills Pandemic 2009 H1N1 influenza A virus

(Animal Viruses:)  
\*Avian Influenza (H5N1)  
\*Avian polyomavirus  
\*Canine distemper  
\*Feline leukemia  
\*Feline picornavirus  
\*Infectious bovine rhinotracheitis  
\*Infectious bronchitis (Avian IBV)  
\*Newcastle Disease  
\*Pseudorabies (PRV)  
\*Rabies  
\*Transmissible Gastroenteritis virus (TGE)

(Fungi:)  
Aspergillus niger  
Candida albicans  
Trichophyton mentagrophytes

<sup>1</sup> ATCC & antibiotic-resistant strain  
<sup>2</sup> antibiotic-resistant strain only

#### SPECIFICATIONS:

EPA REGISTRATION NUMBER: .....47371-130-40714  
EPA ESTABLISHMENT NUMBER: ..40714-CA-01  
COLOR: .....Pink  
ODOR: .....Mild  
pH: .....7.2-8.2  
HMIS RATING (Concentrate).....Health =3 Flammability = 0  
.....Physical Hazard = 0  
HMIS RATING (1:128 Dilution) .....Health =1 Flammability = 0  
.....Physical Hazard = 0  
FLASH POINT:.....None (C.O.C. Method)  
DILUTION USE (MEDICAL):.....1:128  
DILUTION USE (INSTITUTIONAL):..1:128  
DETERGENT TYPE:.....Nonionic/cationic  
BIODEGRADABLE: .....Yes  
SPECIFIC GRAVITY:.....1.01  
DENSITY:.....8.4 pounds per gallon  
SHELF LIFE:.....Minimum 1 year from date of  
.....sale  
PACKAGE SIZES: .....4 x1 gallon  
.....5 gallon Twin Pack (2 x 2.5  
.....gallon bottles/box)  
.....55 gallon drums

#### SAFETY:

**DANGER. CORROSIVE.** Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber or chemical resistant). Harmful if inhaled. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

#### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15- 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

Refer to product label for **STORAGE AND DISPOSAL** instructions.

**THE GREEN SYSTEM** BY SURTEC®

rev. 9/20/11

SURTEC warrants this product to be of consistent quality. SURTEC'S warranty is limited to the replacement of product proven defective. The user assumes all other risks and liabilities resulting from the use of this product. If you have any questions, please call SURTEC at (209) 820-3700.

# TEC CIDE 128

## ONE-STEP DISINFECTANT GERMICIDAL DETERGENT AND DEODORANT

### Active Ingredients:

Didecyl dimethyl ammonium chloride.....	5.07%
n-Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride.....	3.38%
Inert Ingredients:.....	91.55%
Total:.....	100.00%

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is not for use on medical device surfaces.

**DISINFECTION / CLEANING / DEODORIZING DIRECTIONS:** Remove heavy soil deposits from surface, then thoroughly wet surface with a use-solution of 1 oz. of the concentrate per gallon of water. The use-solution can be applied with a cloth, mop, sponge, or coarse spray or soaking. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface, rub with a brush, cloth or sponge. Do not breathe spray. Let solution remain on surface for a minimum of 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished.

Food contact surfaces must be thoroughly rinsed with potable water. This product must not be used to clean the following food contact surfaces: utensils, glassware and dishes.

**BACTERICIDAL STABILITY OF USE DILUTION:** Prepare a fresh solution daily or more often if the solution becomes visibly dirty or diluted.

### **FUNGICIDAL DIRECTIONS:**

For use in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities follow disinfection directions.

**MILDEWSTATIC INSTRUCTIONS:** **TEC-CIDE 128** will effectively control the growth of mold and mildew, plus the odors caused by them when applied to hard, nonporous surfaces such as walls, floors and table tops. Apply use-solution of 1 ounce per gallon of water with a cloth, mop, sponge or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.

**\*KILLS HIV-1 (AIDS VIRUS) AND HBV (HEPATITIS B VIRUS) AND HCV (HEPATITIS C VIRUS) ON PRE-CLEANED, ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces / objects with blood / body fluids, and in which the surfaces / objects likely to be soiled with blood / body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type I (HIV-1) (associated with AIDS) or Hepatitis B Virus (HBV) or Hepatitis C Virus (HCV).

### **SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OR HBV OR HCV ON SURFACES / OBJECTS SOILED WITH BLOOD / BODY FLUIDS:**

**Personal Protection:** Disposable protective gloves, gowns, face masks or eye coverings, as appropriate, must be worn during all cleaning of blood / body fluids and during decontamination procedures.

**Cleaning Procedures:** Blood / body fluids must be thoroughly cleaned from surfaces / objects before application of disinfectant.

**Contact Time:** HIV-1 is inactivated after a contact time of 4 minutes at 25°C (77°F) . HBV and HCV are inactivated after a 10 minute contact time. Use a 10-minute contact time for other viruses, fungi and bacteria listed.

**Disposal of Infectious Materials:** Blood / body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

### **VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS DISINFECTION DIRECTIONS:**

For cleaning and disinfecting the following hard nonporous surfaces: equipment used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 1 oz. of **TEC-CIDE 128** per gallon of water (*or equivalent dilution*) for a period of 10 minutes. Wipe or allow to air dry. Ventilate buildings and other closed spaces. Thoroughly scrub all treated surfaces that come in contact with food , including equipment used for feeding or watering , with soap or detergent and rinse with potable water before reuse. Do not house animals or employ equipment until treatment has been absorbed, set or dried.