

**DIRECTIONS FOR USE**

General Classification

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Onyx CD 45 detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance.

**DISINFECTION**-To disinfect hard inanimate surfaces (such as walls, floors, table tops) add 2 ounces CD 45 detergent-disinfectant per gallon of water. Apply solution with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls flush toilet, add 2 ounces CD 45 detergent-disinfectant directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

For heavily soiled areas, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

**MILDEWSTAT**-To control mold and mildew on pre-cleaned hard non-porous surfaces (such as floors, walls, table tops) add 2 ounces CD 45 per gallon 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 if mold or mildew growth reappears.

**SANITIZATION**-To sanitize previously cleaned and rinsed nonporous food contact surfaces, prepare 200ppm active quaternary CD 45 solution by adding 2 ounces CD 45 to 3 1/2 gallons of water.

To sanitize immobile items (such as tanks, shopping blocks, counter tops) flood the area with 200 ppm CD 45 solution or apply with a cloth or sponge making sure to wet all surfaces completely for at least 60 seconds. Let air dry. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils) immerse in 200 ppm CD 45 solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soiling appears.

**PRECAUTIONARY STATEMENTS**

Hazard to Human and Domestic Animals

**DANGER**

Keep away from children. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink plenty of water or milk solution or if these are not available, drink plenty of water. Call a physician.

**NOTE TO PHYSICIAN**

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

**ONYX**



**CD 4.5**

**detergent/disinfectant**

**CLEANER  
DETERGENT  
DEODORIZER  
SANITIZER  
MILDEWSTAT (on hard inanimate surfaces)**

**DISINFECTANT  
FUNGICIDE (against Pathogenic fungi)  
VIRUCIDE\***

**ACTIVE INGREDIENTS**

n-Alkyl (60-70) C14-18 C16 or C12  
C18 dimethyl benzyl  
ammonium chloride  
n-Alkyl (60-70) C12-18 C14  
dimethyl ethylbenzyl  
ammonium chloride

**INERT INGREDIENTS**

1.00 100.00

**ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS**

**KEEP OUT OF REACH OF CHILDREN**

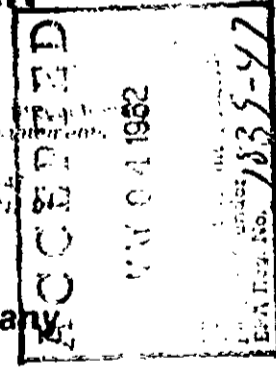
**DANGER**

See separate labels for additional safety and precautionary statements.

EPA REG. NO. 1839-4  
EPA REG. NO. 1839-5

**onyx chemical company**

MILLMASTER ONYX  
190 Warren Street  
Jersey City, N.J. 07302



**NET CONTENTS**

Onyx CD 45 is a concentrated detergent-disinfectant which provides effective cleaning, deodorizing, disinfection and sanitization. Onyx CD 45 detergent-disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination.

CD 45 when diluted at the rate of 2 ounces per gallon of water is an effective disinfectant against the organisms *Pseudomonas aeruginosa* and meets all requirements for hospital use. When used as directed, Onyx CD 45 is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfection.

In addition, Onyx CD 45 deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls, and any other areas which are prone to odor caused by microorganisms.

**DISINFECTION**-At 2 ounces per gallon dilution, Onyx CD 45 exhibits effective disinfectant activity against the organisms *Staphylococcus aureus* and *Staphylococcus aureus*.

At this level the product is also fungicidal against the Pathogenic Fungus, *TRICHOPHYTON MENTAGROPHITES*.

**VIRUCIDAL ACTIVITY**-The product when used on environmental inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal activity against Influenza A255an (representative of the common flu virus), Herpes simplex (causative agent of fever blisters and mononucleosis), Adeno virus Type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

**EFFICACY TESTS HAVE DEMONSTRATED THAT CD 45 IS AN EFFECTIVE BACTERICIDE, FUNGICIDE AND VIRUCIDE\* IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

**Mold and Mildewstat**-Onyx CD 45 prevents and controls mold and mildew and the odor they cause on hard non-porous inanimate surfaces.

**Sanitization**-When used for sanitization of previously cleaned food equipment or food contact items limit to 200 quaternaries to 200 ppm. At this level **NO POTABLE WATER RINSE IS REQUIRED.**

CD 45 is an effective sanitizer when diluted in water up to 500 ppm hardening (CaCO3).

**STORAGE AND DISPOSAL**

**-DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL**  
**-OPEN DUMPING IS PROHIBITED**  
**-DO NOT REUSE EMPTY CONTAINER**  
**PESTICIDE DISPOSAL**-Pesticides that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place.  
**CONTAINER DISPOSAL**-Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.