

# Disinfectant Product Label

Understanding the information on a disinfectant product label is essential for effective disease organisms removal and safety when using the product.

This handout overviews key areas of a sample disinfectant label.  
Always read the product label before use.

Only products with EPA registration numbers should be used. This number indicates the product has been reviewed by the EPA and poses minimal risk to animals, people and the environment when used in accordance with the label.

Products must be used according to label directions. Disinfectants (i.e., antimicrobial pesticides) are regulated under the Federal Insecticide, Fungicide, and Rodenticide (FIFRA) Act.

EPA Reg. No.  
1658-XX



**Product-X**

EPA Est. No.  
16XX-MO-1

Disinfect-Cleaner-Sanitizer-Fungicide-Mildewstat-Virucide\* –  
Deodorizer for Hospitals, Institutional and Industrial Use  
Effective in hard water up to 400 ppm hardness (calculated as CaCO<sub>3</sub>)  
in the presence of 5% serum contamination

**ACTIVE INGREDIENTS:**

Octyl decyl dimethyl ammonium chloride.....	1.650%
Diocetyl dimethyl ammonium chloride.....	0.825%
Didecyl dimethyl ammonium chloride.....	0.825%
Alkyl dimethyl benzyl ammonium chloride.....	2.200%
INERT INGREDIENTS.....	94.500%
TOTAL.....	100.000%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**PRECAUTIONARY STATEMENTS**

**CORROSIVE:** Causes severe eye and skin damage. Do not get into eyes, on skin, or clothing. Wear goggles or face shield and rubber gloves when handling Product X. Harmful or fatal if swallowed. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS:** Do not use or store near heat or open flame.

**STATEMENT OF PRACTICAL TREATMENT:** In case of contact, immediately flush eyes or skin with plenty of water for at least 20 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If ingested call a physician immediately.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Manufactured by Y Chemical Company, Sometown, Somestate 60345

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

**DIRECTIONS FOR USE**

Product X is a germicide, soapless cleaner and deodorant which is effective in water up to 400 ppm hardness in the presence of organic soil (5% serum). When used as directed, will not harm tile, terrazzo, resilient flooring, concrete, painted or varnished wood, glass or metals.

**FOR USE IN VETERINARY CLINICS, ANIMAL CARE FACILITIES, LIVESTOCK FACILITIES AND ANIMAL QUARANTINE AREAS**

Apply Product X to walls, floors and other hard (inanimate) non-porous surfaces with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. Prepare a fresh solution daily or when use solution becomes visibly dirty.

**DISINFECTION** - To disinfect hard surfaces, use 1 fluid ounce of Product X per gallon of water. Apply by immersion, flushing solution over treated surfaces with a mop, sponge or cloth to thoroughly wet surfaces. Allow treated surfaces to remain moist for at least 15 minutes before wiping or rinsing. Product X will disinfect hard, non-porous surfaces in veterinary clinics, animal care facilities, livestock facilities and animal quarantine areas.

*For heavily soiled areas, a preliminary cleaning is required.*

**2 oz. gallon use-level.** The activity of Product X has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

<i>Pseudomonas aeruginosa</i>	<i>Enterobacter aerogenes</i>
<i>Staphylococcus aureus</i>	<i>Streptococcus faecalis</i>
<i>Salmonella choleraesuis</i>	<i>Shigella dysenteriae</i>
<i>Escherichia coli</i>	<i>Brevibacterium ammoniagenes</i>
<i>Streptococcus pyogenes</i>	<i>Salmonella typhi</i>
<i>Klebsiella pneumoniae</i>	<i>Serratia marcescens</i>

**Boot bath:** Use 1.5 fluid ounces per gallon in boot baths. Change solution daily and anytime it becomes visibly soiled. Use a bristle brush to clean soil from boots before disinfecting with Product X.

**Disinfecting trucks and farm vehicles:** Clean and rinse vehicles and disinfect with 1 fluid ounce per gallon of Product X. If desired, rinse after 12 minutes contact or leave unrinsed. Do not use Product X on vaccination equipment, needles, or diluent bottles as the residual germicide may render the vaccines ineffective.

**Sanitizing non-food contact surfaces** (such as floors, walls, tables, etc): A 1 ounce per 2 oz. gallon use-level, Product X is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.

This section will describe the hazards related to humans and animals when using this product. It recommends personal protective gear that should be worn, what effects it will have on the environment and treatment information should it be splashed into the eyes or ingested.

Some products may have multiple uses (i.e., cleaning versus disinfection) and require different dilutions and contact times for such actions.

This section describes what disease organism the product works against and under what conditions it was tested.

This section describes what dilutions should be used for different applications. Specialty applications (e.g., boot baths) will also be listed.