

WHY THORNELL ODORCIDE®210 IS THE BEST

IT WORKS –

- Permanently eliminates, NOT masks, malodors.
- Immediate results. No dwell time.
- Covers the complete range of odors caused by **Human and animal urine; feces, emesis, male cat spray, decaying organic matter, smoke, mold and mildew.**

DIFFERENT TECHNOLOGY

- Bonding (chemisorption), counteraction, absorption.
- No problematic enzymes, bacteria, oxidizers, olfactory desensitizers.
- Inhibitors and residuals which prevent new odors from old and new deposits.

SAFE –

- Nontoxic, Nonirritating and Nonflammable
- Can be used on wool (does not break down wool fibers)
- Nonstaining, Nonionic and Noncarcinogenic
- Biodegradable, Water Based, (6.8 pH when diluted)
- Noncorrosive

ECONOMICAL –

- Indefinite shelf life in all forms.
- Concentrates are extremely economical.

COMPATIBLE –

- With germicides, unlike many enzyme bacteria based products. Works with all detergents.

PACKAGING –

- Concentrate - reusable, self-metering pints 1/2 gallons and economical gallons
- Ready-To-Use –
 - Pint with soaking applicator cap for deeply embedded odors.
 - Quart with trigger sprayer for hard surface application.

INGREDIENTS –

- Odorcide 210 is a complex blend of safe, biodegradable ingredients that fall within the following:
 - monohydric and oxidized hydroxyl-containing organic compounds.
 - condensation products or organic salts and hydroxy-containing organic compounds.
 - natural plant oils
 - deionized water



Guaranteed to work when used according to label directions!

How Do Thornell Odorcides Work?

Thornell products are complex blends that work through several actions –

COUNTERACTION –

Termed neutralization when no odor results and through reodorization a milder pleasant odor replaces the malodor. A nonchemical odor phenomenon which combines two odors to get a third that is weaker in intensity. Works through Zwaardemaker pairs (conjugates) – pairs of odorants that neutralize each other's respective odors.

ABSORPTION –

Physical penetration of malodor into the inner structure of one or more Thornell product. Products that work by this method attack the malodor, which causes it to speed up its normal activity. There is no odor masking - the odor is eliminated.

BONDING –

Chemical binding (chemisorption) of malodors to Thornell product's molecular surfaces.

INHIBITORS –

Controls odors that can be caused by further biological (organic) decomposition.

RESIDUALS –

Reactivates after initial application to combat and prevent odors.

ODORCIDE® 210

HOW TO USE –

One-time deodorizing

- **Locate the Odor Source:**
If carpet or upholstery noting the surface stain is generally sufficient. However, a black light or a probe that detects moisture can be useful. Use the rule of thumb that urine migrates laterally about 50% beyond the stain area, as well as penetrating deeply – often through backing, padding and into the flooring.
- Vacuum or clean up dried debris or dirt.
- **DO NOT** clean before deodorizing. While ODORCIDE 210 works with detergents, cleaning the area may spread out and deepen the odor source.
- Mix ODORCIDE 210 CONCENTRATE with water at the rate of 1 to 16 (8 oz. per gallon).
- Test for color fastness and then apply sufficient mix to cover contaminated area and penetrate as deeply as the odorous material if using on carpet. **PRESSURE SPRAY** at 40 to 100 PSI, **INJECT** or **POUR** on. To assure penetration on carpet, use a roller or simply walk the product in. (Product's pleasant natural odor dissipates as the fibers dry.)
- Vacuuming and cleaning can take place immediately after application. If any odor remains, it's because ODORCIDE 210 has not penetrated to the source of the odor. Re-apply.

One-Time Upholstery Deodorizing

- Use the same mix ratio (1 to 16) as used for carpets.
- Spot test for color fastness of materials.
- Apply enough product to reach the source by pressure spraying, sponging, pouring or injecting.
- Hand manipulate to help assure contact with deepest source.
- Let air dry.

On-Going, Hard Surface Deodorizing

Dilute ODORCIDE 210 in a ratio of 1 to 256 (1/2 oz. per gallon) with water or usual cleaning/sanitizing solution. (Note: chlorine bleach reduces effectiveness.)

If area is heavily contaminated, use a 1 to 16 mix for the first application and after that revert to the 1 to 256 mix.

Due to the residual action of ODORCIDE 210, once malodors are controlled it is usually unnecessary to use the product with every cleaning. It reactivates when it gets wet and will continue to deodorize until all of the product has been used.

TWO RULES FOR SUCCESS:

- 1) Proper mix ratio for the application.
- 2) Make certain that the mix comes in physical contact with the most deeply imbedded odor source.

Distributed by:

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ODORCIDE® 210
complete odor management