

Exterm™ Disinfecting Tablets

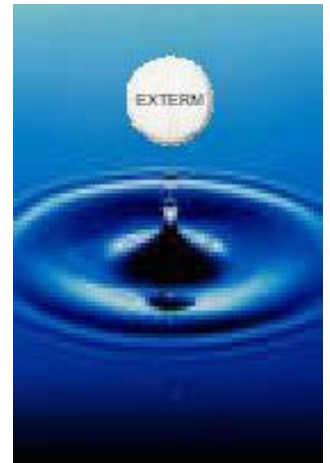
A premium disinfection solution for your health care facility

Concerned about room and surface disinfection?

- Is your facility experiencing outbreaks of infection similar to other health care facilities?
- Is your current disinfecting agent truly as effective as you have been lead to believe?
- Is it possible your patient health care is being compromised?
- Are your people being asked to do more in less time?

Concerned about your current disinfection process? Our EXTERM chlorine dioxide tablets generate a neutral pH high level disinfectant that *gently and effectively* rids you of your contamination issues.

- **BLEACH** (sodium hypochlorite) needs to be applied at higher concentrations to provide comparable results.
- **BLEACH** damages certain surface finishes and materials.
- **ISOPROPYL ALCOHOL** evaporates too quickly for an effective kill of many organisms.
- **PARACETIC ACID** is acidic and harsh on certain materials.
- **OTHER AQUEOUS CHLORINE DIOXIDE** methods have more corrosive side effects because of their acidity and sodium chlorite content.



Simple to Use!

Drop **Exterm** tablet into water.

Spray or wipe surface.

It's that simple!

What are the advantages?

- **Short contact times**
- **Biocidal at low concentrations**
- **Ultra low residuals**
- **No rinsing required**
- **No mixing and spilling of solutions**
- **Lower purchase costs than other high level disinfectants**
- **Less storage space required**
- **Lower shipping costs**

Exterm is the solution to your problems. *-Disinfect or Sanitize -with just ONE small tablet.* We have a revolutionary, high level, broad spectrum disinfectant that works quickly and effectively. It is reasonably priced, easily stored, very powerful, and, most importantly, effective against the organisms that may create severe problems for you and your patients. No mix, No mess, No microbes.

You just need a clean bucket/spray bottle, water, our small **Exterm** tablet, and a surface you want to disinfect and/or sanitize. Just drop the **Exterm** tablet into your container of tap water and you have a multi-functional, highly effective decontaminating solution. This product is neater, safer, more effective, and less expensive than other high level disinfectants.

Contact us for a free sample!

CSI ClorDiSys Solutions, Inc

P.O. Box 549, Lebanon, NJ 08833-0138 Tel:(908) 236-4100 Fax:(908) 236-2222

www.clordisys.com

Contact Time vs. Concentration:

Water Purification	<u>Category</u>	<u>Organism</u>	<u>Concentration</u>	<u>Contact Time</u>
	Bacteria	Klebsiella terrigena	4 ppm	15 minutes
	Viruses	Poliovirus	4 ppm	15 minutes
	Viruses	Rotavirus	4 ppm	15 minutes
	Cysts-EPA challenge water I	Cryptosporidium parvum	4 ppm	30 minutes
		Giardia	4 ppm	30 minutes
	Cysts-EPA challenge water II	Cryptosporidium parvum	4 ppm	4 hours
		Giardia	4 ppm	4 hours

Food Surface Disinfection	<u>Category</u>	<u>Organism</u>	<u>Concentration</u>	<u>Contact Time</u>
	Bacteria	Salmonella choleraesuis	50 ppm	1 minute

Hard Surface Disinfection	<u>Category</u>	<u>Organism</u>	<u>Concentration</u>	<u>Contact Time</u>
	Bacteria	Tuberculosis	200 ppm	5 minutes
	Bacteria	Staphylococcus aureus	200 ppm	10 minutes
	Bacteria	Pseudomonas aeruginosa	200 ppm	10 minutes
	Viruses	Hantavirus	100 ppm	10 minutes
	Viruses	Mouse hepatitis virus (MHV)	100 ppm	10 minutes
	Viruses	Theiler's mouse encephalomyelitis virus (TMEV)	100 ppm	10 minutes
	Viruses	Minute virus of mouse (parvovirus) (MVM-p)	100 ppm	10 minutes
	Viruses	Minute virus of mouse (parvovirus) (MVM-i)	100 ppm	10 minutes
	Viruses	Mouse hepatitis virus (MHV-JHM)	100 ppm	10 minutes
	Viruses	Mouse parainfluenza virus type 1 (Sendai)	100 ppm	10 minutes
	Viruses	Sialodacryoadenitis virus (Coronavirus) (SDA)	100 ppm	10 minutes
	Viruses	Human immunodeficiency virus type 1 (HIV)	200 ppm	1 minute
	Viruses	Norwalk virus	200 ppm	10 minutes

Surface Sterilization	<u>Category</u>	<u>Organism</u>	<u>Concentration</u>	<u>Contact Time</u>
	Spores	Clostridium sporogenes	1000 ppm	1 hour
	Spores	Bacillus subtilis	1000 ppm	1 hour

Antimicrobial Properties / Mode of Action:

Exterm reacts with several cellular constituents, including the cell membrane of microbes. By "stealing" electrons from them, it breaks their molecular bonds, resulting in the death of the organism by the break up of the cell. Since Exterm alters the proteins involved in the structure of microorganisms, the enzymatic function is broken, causing very rapid bacterial kills. The oxidative attack on many proteins simultaneously is behind the potency of Exterm and explains why the cells of microorganisms are unable to mutate to a resistant form.