



TX6460 TexTab™

Effervescent Disinfectant Tablets for Hospital and Institutional Use
Kills *Clostridium Difficile* Spores in 4 minutes

ACTIVE INGREDIENT:	Sodium dichloro-s-triazine	48.21%
OTHER INGREDIENTS:		51.79%
TOTAL:		100.00%

* Equivalent to 2% NaOCl active chlorine by total weight when dissolved in water for 10 minutes @ 20°C

**KEEP OUT OF REACH OF CHILDREN
DANGER**

FIRST AID

If in eyes: Hold closed and flush slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes. See physician, listing this label as a guide to further advice or therapy.

If swallowed: Do not induce vomiting unless directed to do so by a physician. Do not eat or drink anything until directed to do so by a physician. Do not take anything to eat or drink until directed to do so by a physician.

If inhaled: Remove person to fresh air. If persistent and distressing, call 911 for professional help. See physician immediately.

If on skin or clothing: Use of contaminated clothing, shoes, and accessories with caution of water to 15°C (60°F) or less. Wash contaminated items as soon as possible.

IN THE EVENT OF A MEDICAL EMERGENCY CALL YOUR PHYSICIAN IMMEDIATELY AT 1-800-222-4222. Have the product container or label with you when calling a poison control center or doctor or going to hospital.

NOTE TO PHARMACEUTICALS: Complete medical emergency information for the use of patient package.

See inside package for additional precautionary statements.

NET CONTENTS:
256 TABLETS (12.3 g, 497g)
NET WT 7.38 LBS (3.35 kg)

Lot number

EPA Reg. No. 71847-16-48922
EPA Est. No. 40562-NC-002



TexTab™

The Bleach Alternative in Effervescent Tablet Form
Kills *C. diff* spores in just 4 minutes

SPORICIDAL EFFERVESCENT TABLETS



texwipe.com

The Bleach Alternative in Effervescent Tablet Form

Kills *C. difficile* (*C. diff*) spores in just 4 minutes

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About Texwipe

Texwipe’s commitment to innovation, leadership and quality in cleanroom consumable products spans more than fifty years. We invest in technology to respond to our customers’ evolving needs in contamination control.

Texwipe’s Core Values are:

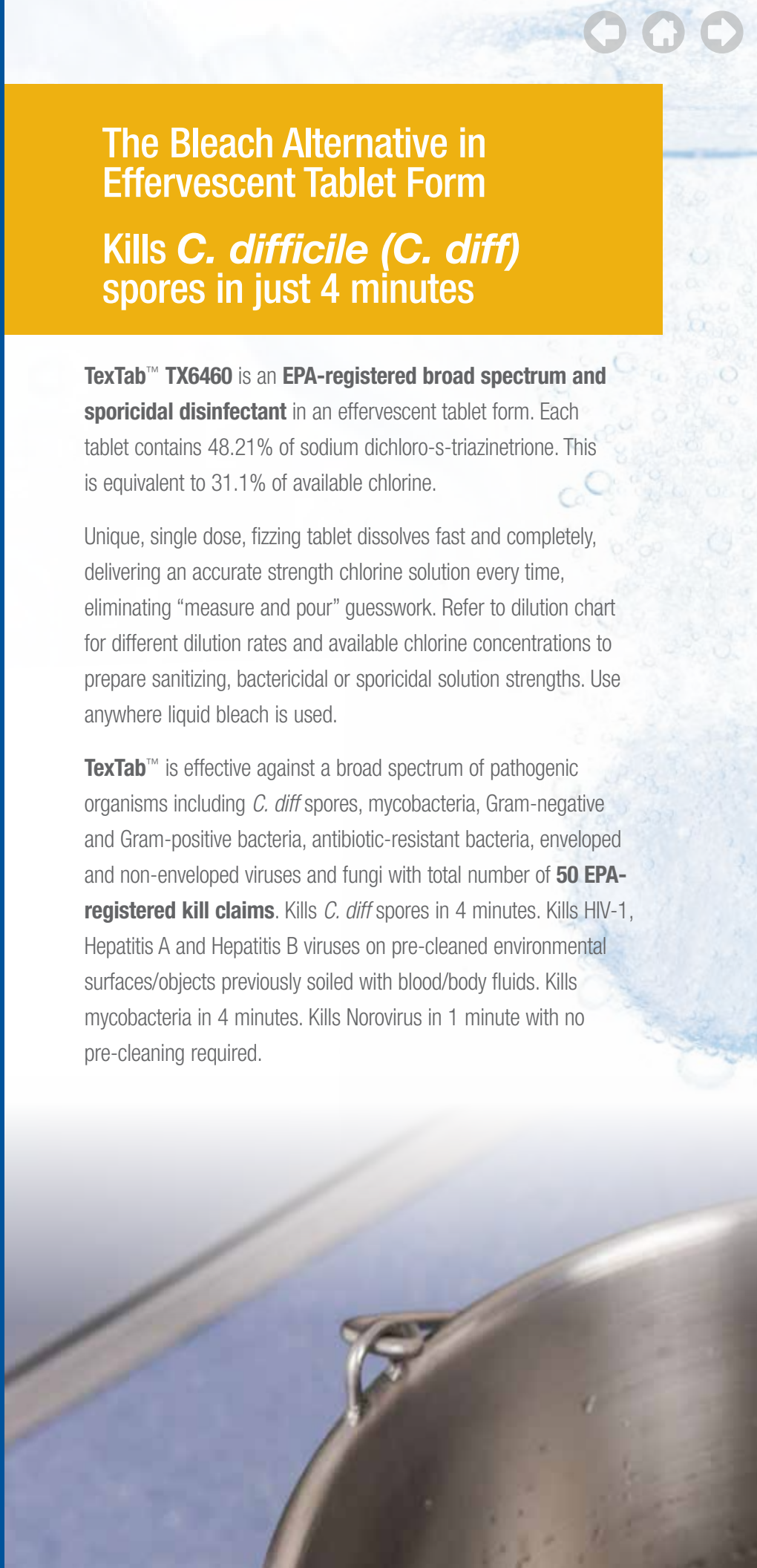
- **Innovation** - Texwipe pioneers the latest technologies to provide innovation in contamination control products and processes.
- **Quality** - Texwipe product quality is maintained by the most advanced testing and quality control standards in the industry.
- **Technology Leadership** - Texwipe leads our industry in testing metrology, methods and processes to reduce contamination.

Throughout Texwipe’s global operations, we support our customers with products designed to exceed the requirements for cleanroom consumable products. Our highly professional team will help you select and develop products for any critical environment application.

TexTab™ TX6460 is an **EPA-registered broad spectrum and sporicidal disinfectant** in an effervescent tablet form. Each tablet contains 48.21% of sodium dichloro-s-triazinetrione. This is equivalent to 31.1% of available chlorine.

Unique, single dose, fizzing tablet dissolves fast and completely, delivering an accurate strength chlorine solution every time, eliminating “measure and pour” guesswork. Refer to dilution chart for different dilution rates and available chlorine concentrations to prepare sanitizing, bactericidal or sporicidal solution strengths. Use anywhere liquid bleach is used.

TexTab™ is effective against a broad spectrum of pathogenic organisms including *C. diff* spores, mycobacteria, Gram-negative and Gram-positive bacteria, antibiotic-resistant bacteria, enveloped and non-enveloped viruses and fungi with total number of **50 EPA-registered kill claims**. Kills *C. diff* spores in 4 minutes. Kills HIV-1, Hepatitis A and Hepatitis B viruses on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids. Kills mycobacteria in 4 minutes. Kills Norovirus in 1 minute with no pre-cleaning required.



Features & Benefits

Kills *Clostridium difficile* (*C. diff*) Spores in Just 4 Min

- Half the contact time required for most bleach solutions

Convenient Effervescent Tablets

- Simple to use for preparing a fresh solution when needed
- Exact dosage tablet delivers an accurate strength solution every time
- Eliminates the risk of concentrated bleach spills

Different Dilution Rates for Different Disinfection Needs

- Sanitization and disinfection strength – for everyday use
- Sporicidal strength – for weekly/bi-weekly use

Safe for Surfaces and Users

- Produces a solution with a pH of 6 to 7 (neutral) that does not damage finishes or equipment
- Not considered a hazardous solution – less irritating for users than bleach
- Less corrosive than bleach
- Less odor than bleach

Compact Packaging

- 1 canister of 256 tablets is equivalent to 8 gallons of concentrated bleach
- Storage takes up less shelf space
- Less packaging to dispose of after the product is used
- Reduced shipping costs

Stable in Storage

- Three-year shelf-life for tablets (versus one year for concentrated bleach)
- Seven-day shelf-life for diluted solutions in closed containers (versus 1 day for diluted bleach)

Industries & Applications

Industries

- **Pharmaceutical, Medical Device and Cosmetic Manufacturing Facilities**
- **Biotechnology**
- **Pharmacies and Compounding Pharmacies**
- **Medical and Dental** – Hospitals, nursing homes, medical and dental offices and clinics, operating rooms, isolation wards, and medical research facilities
- **Veterinary** – Veterinary clinics, animal life science laboratories, kennels, breeding and grooming establishments, pet animal quarters, pet shops, and other animal care facilities
- **Food** – All types of hard, non-porous equipment and utensils used in food processing and canning plants, bottling plants, breweries, fish processing plants, meat and poultry processing plants, milk handling and processing plants, stores, restaurant and institutional dining establishments

Applications

- Disinfecting any hard, non-porous, inanimate surface (see the surface compatibility table on page 5)
- Replacing liquid bleach solutions in all applications
- Using as part of a disinfectant rotation program as a bactericidal disinfectant for everyday use and/or a sporicidal disinfectant weekly or biweekly. Use the dilution chart for different dilution rates (page 4)
- Pre-cleaning gross soil before disinfection
- Cleaning and disinfecting small work areas as well as large areas (floors, walls, ceilings)
- Fogging

TexTab™ Product

Number	Description	Packaging
TX6460	TexTab™ Disinfectant Tablets	256 tablets/bottle – 2 bottles/case



US Manufactured
Active Ingredient



Efficacy

TexTab™ efficacy against the microbes and spore claimed on the product label has been demonstrated in tests that are prescribed and regulated by the US Environmental Protection Agency (US EPA) under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Performance	Sanitization	Bactericidal Disinfection	Bactericidal Disinfection	Sporicidal Disinfection	TbC Disinfection
Available chlorine concentration	100 ppm	538 ppm	1076 ppm	4306 ppm	5382 ppm
Dilution rate	1 tab/10 gal water	1 tab/2 gal water	1 tab/1 gal water	4 tab/1 gal water	5 tab/1 gal water
Sporicidal kill claims					
<i>Clostridium difficile</i> spores				4	
Bactericidal kill claims					
<i>Mycobacterium bovis</i> (Tb)					4
<i>Acinetobacter baumannii</i>				4*	
<i>Actinobacillus pleuropneumoniae</i>			10		
<i>Bordetella bronchiseptica</i> (rhinitis)			10		
<i>Brachyspira</i> (<i>Treponema/Serpulina</i>) <i>hyodysenteriae</i> (swine dysentery)			10		
<i>Clostridium perfringens</i> USDA			10		
<i>Enterococcus faecalis</i> Vancomycin Resistant (VRE)			10		
<i>Escherichia coli</i> O157:H7			10		
<i>Klebsiella pneumoniae</i>			10		
<i>Klebsiella Pneumoniae</i> Carbapenan resistant				4*	
<i>Pseudomonas aeruginosa</i>		10		4*	
<i>Salmonella enterica</i>	1	10		4*	
<i>Staphylococcus aureus</i>	1	10		4*	
<i>Staphylococcus aureus</i> Methicillin resistant (MRSA)			10		
<i>Staphylococcus aureus</i> Gentamicin resistant (GRSA)			10		
<i>Staphylococcus epidermidis</i>			10		
<i>Streptococcus dysgalactiae</i>			10		
<i>Streptococcus uberis</i>			10		
Virucidal kill claims					
African swine fever			30		
Avian influenza			10		
Avipox (fowl pox)			30		
Canine Distemper virus			10		
Canine Parvovirus			10		
Feline Calicivirus			10		
Gumboro disease (<i>Infectious bursal disease virus</i> (IBDV))			10		
Hepatitis B (HBV)			10		
Hepatitis A (HAV)			10		
Herpes simplex virus type 1			10		
HIV-1			10		
Hog cholera/Classical swine fever			30		
Infectious Canine hepatitis			10		
Influenza H1N1		10			
Newcastle Disease Virus			10		
Norovirus			10	1*	
Poliovirus type 1			10		
Porcine parvovirus			10		
Pseudorabies			10		
Respiratory syncytial virus		10			
Runting & Stunting virus (tenosynovitis)			10		
Swine Vesicular disease			30		
Teschen/Talfan disease			10		
Transmissible gastroenteritis (TGE)			30		
Fungicidal kill claims					
Trichophyton mentagrophytes			10		

How TexTab™ TX6460 Differs from Traditional Hypochlorite Bleach

The active ingredient in **TexTab™** is sodium dichloro-s-triazinetrione. The active ingredient in **bleach** is sodium hypochlorite.

While **TexTab™** does provide free available chlorine for disinfection purposes, it is not the hypochlorite ion in solution like traditional bleach. There are significant differences that need to be understood to differentiate the two product types.

The active ingredient in bleach, sodium hypochlorite, is stabilized with caustic, and as a result, solutions made from bleach have a pH of 11 or higher. On the other hand, solutions made with **TexTab™**, where the active ingredient is sodium dichloro-s-triazinetrione have a pH of ~ 6.5 (neutral) when dissolved in water. The lower pH explains the **safety and less corrosiveness benefits of TexTab™ solutions**.

Once in solution, sodium dichloro-s-triazinetrione initially releases only 50% of its total chlorine content as free available chlorine (FAC), which is thought to be the active disinfection agent. As the free available chlorine gets consumed, because of sodium dichloro-s-triazinetrione's chemical structure, it continues to release the remaining chlorine to maintain the free available chlorine level in the solution, hence continued disinfection power. Sodium hypochlorite, on the other hand, releases all of its chlorine content as free available chlorine all at once. So once it is consumed, there is no replenishment. This explains the **longer shelf life benefit of the TexTab™ use solutions**.

Furthermore, free available chlorine exists in two forms: hypochlorous acid (HOCl) and the hypochlorite ion (OCI-). Studies show that hypochlorous acid has four times more disinfection power than the hypochlorite ion. It is thought that this is because HOCl is more similar to the water molecule (HOH) ionic character than the hypochlorite ion, and it is easier for it to penetrate through the negatively charged cell wall than the hypochlorite ion (OCI-). Ninety percent of the free available chlorine produced by sodium dichloro-s-triazinetrione at pH ~6.5 exists in hypochlorous acid form. Less than 3% of the free available chlorine produced by sodium hypochlorite (bleach) at a pH 11 or higher exists in the hypochlorous acid form. This difference explains the **effectiveness benefit of TexTab™ (shorter kill time for the sporicidal action)** over a bleach solution.

Although the final use solutions are used as disinfectant and sporicides, there are no equivalent concentrations for **TexTab™** and traditional bleach solutions. Comparisons must be made by use conditions and kill claims for each product only.

These Differences Favor Unique TexTab™ Advantages:

- Solutions of **TexTab™** (sodium dichloro-s-triazinetrione) are far less corrosive than bleach solutions due to their neutral pH.
- Has longer lasting, free available chlorine in reserve. Bleach solutions do not. Diluted solutions of **TexTab™** generate killing power for a week (7 days). Diluted solutions of bleach become inactive after a day.
- Delivers more potent disinfection power, in the form of hypochlorous acid, than bleach solutions.



Disinfecting with TexTab™

Pre-Cleaning Surfaces Before Disinfection

- All treated surfaces must be freed of all visible soil and pre-cleaned with a cleaning solution (soap or detergent). In some situations, a rinse of the cleaning solution with potable water is needed.
- The pre-cleaning process may be also accomplished with an IPA (isopropyl alcohol) pre-wetted wiper or a **TexTab™** TX6460 solution.
- For the 4306 ppm dilution application no pre-cleaning is required – **TexTab™** acts as a one-step disinfecting and cleaning agent. Visible soil still must be removed.

Dilution chart for solution preparation

Solution ppm (mg/L) Available Chlorine	Tablets	Water (gallons)
100	1	10
538	1	2
1076	1	1
4306	4	1
5382	5	1

- Sanitizer
- Bactericidal – kills bacteria and viruses
- Sporicidal – kills *C. Diff* spores
- Kills Mycobacterium (Tb)

Shelf Life of Ready-to-Use Solution

- In closed containers, e.g., spray bottles – 7 days
- In open containers, e.g., buckets – 1 day
- When the solution in the bucket becomes diluted or soiled, prepare a fresh solution.

Disinfecting Application Methods *(may be applied by)*

- Wiper
- Mop
- Sponge
- Brush
- Foaming/fogging equipment
- Coarse trigger sprayer

Sanitizing Application Methods

- **Pressure method** – for closed systems, i.e. weigh tanks, coolers, short-time pasteurizers, pumps, homogenizers, fillers, sanitary piping and fittings, and bottle and can fillers.
- **Spray/pressure spray and fogging methods** – for large, non-porous surfaces such as batch pasteurizers; holding tanks, weigh tanks, tank trucks and cars, vats, tile walls, ceilings, and floors.
- **General rinse method** – for plant floors, walls and ceilings, and also control odors in refrigerated areas and drain platforms.

Residue Removal

- All treated equipment and surfaces that will contact food, feed, drinking water or critical products must be rinsed with potable water before reuse.
- Other surfaces (i.e., floors, walls, ceilings), including animal housing facilities, should be allow to air dry before reuse.
- **TexTab™** is a non-rinse sanitizer at 100 ppm dilution rate for all surfaces except ones in contact food, feed, drinking water or critical products.

Stability

A stability study showed that **TexTab™** solutions, whose concentrations ranged from 100 to 10,000 ppm active chlorine, retained the required chlorine activity in storage for **7 days** in a closed container at room temperature out of direct sunlight. The solution of 1,500 ppm active chlorine remained stable for 6 days.

Based on this study, **TexTab™** solutions can be used for up to 7 days if stored in a closed container such as a spray bottle at room temperature out of direct sunlight. The solution should be replaced each week with a freshly made solution.

The study report is available as a Texwipe TechNote titled “**TexTab™** TX6460 Solution Decay Study”.



Surface Compatibility

TexTab™ may be used on hard, non-porous surfaces such as: hospital beds, examining tables, operating tables, medical equipment surfaces, counters, walls, ceilings, shower stalls, bathroom fixtures, kennel/cage floors, examination tables,

athletic mats, exercise equipment, and locker rooms areas, whirlpools, Hubbard tanks, food preparation and storage areas and other.

At the dilution rate of 2,000 mg/l (2,000 ppm) of active chlorine TexTab™ is compatible with the following surfaces:

Plastics	Compatibility
ABS	A
CPVC	A
Hytrel®	A
HDPE	A
LDPE	A
Noryl®	A
Polycarbonate	A
Polypropylene	A
PPS	A
PTFE	A
PVC	A
PVDF	A

Elastomers	Compatibility
Nitrile (Buna N)	A
EPDM	A
Hypalon®	A
Kel-F®	A
Santoprene®	A
Silicone	B
Tygon®	A
Viton®	A

Metals	Compatibility
SS 304	B
SS 316	A
Aluminum	A
Brass	B
Bronze	B
Carbon Steel	C
Cast Iron	C
Hasteloy C®	A
Titanium	A

Non Metals	Compatibility
Carbon Graphite	A
Ceramic Al ₂ O ₃	A
Ceramic Magnet	A

At the dilution rate of 200,000 mg/l (200,000 ppm) of active chlorine TexTab™ is compatible with the following surfaces:

Plastics	Compatibility
ABS	B
Acetal	D
CPVC	A
Epoxy	C
Hytrel®	A
HDPE	A
LDPE	A
Noryl®	A
Nylon	D
Polycarbonate	C
Polypropylene	A
PPS	A
PTFE	A
PVC	A
PVDF	A

Elastomers	Compatibility
Nitrile (Buna N)	B
EPDM	B
Hypalon®	A
Kel-F®	A
Natural rubber	C
Neoprene	C
Santoprene®	A
Silicone	B
Tygon®	C
Viton®	A ²

Metals	Compatibility
SS 304	C
SS 316	C
Aluminum	D
Brass	D
Bronze	C
Carbon Steel	D
Carpenter 20	D
Cast Iron	D
Hasteloy C®	A
Titanium	C

Non Metals	Compatibility
Carbon Graphite	B
Ceramic Al ₂ O ₃	A
Ceramic Magnet	A

Explanations of Ratings – Chemical Effect

A = Excellent

B = Good, Minor effect, slight corrosion or discoloration

C = Fair, Moderate effect, OK for short term use. Not recommended for continuous use. Softening, loss of strength, swelling may occur

D = Severe Effect, not recommended for ANY use

Compatibility with Texwipe Wipers, Mops and Swabs

TexTab™ TX6460 is compatible with all materials (polyester, cotton, foam, nylon, etc).

Material/ Fabric	Texwipe Wiper Products	Texwipe Mop Products	Texwipe Swab Products	Disinfectants			Cleaners		
				TexQ	TexTab™ TX6460	Texcide	TexP	IPA	Ethanol
Polyester/ Cellulose	TX622, 624, 629, 604, 606, 609, 612, 1109, 1112, 1118, 3210			✗	✓	✓	✓	✓	✓
Microdenier (100% Polyester)	TX59, 3059	AlphaMops: TX7118M, STX7118M , TX7114M, STX7114M BetaMops: TX7070, STX7070	Microdenier Series	✓	✓	✓	✓	✓	✓
Polyester (100%)	TX1010, 1012, 1029, 1050, 1052, 1060, 1069, 1070, 1080, 8659, 1004, 1009, 1009B, 1013, 1008, 1008B, 2064, 2069, 2424, 2452, 2409, 2412, 2418, 49, 42, 29, 22 TX3042, 3049, 3215, 3225, 3220, 3211, 3212, 3224, STX404, 409	AlphaMops: TX7118, STX7118 , TX7114, STX7114 BetaMops: TX716R, STX716R , TX7072, STX7072	Alpha Series, Absorbond Series Polyester Honeycomb Series	✓	✓	✓	✓	✓	✓
Polyester/ Rayon		BetaMops: TX7073, STX7073		✗	✓	✓	✓	✓	✓
Nylon	TX4004, 4009, 4012		TX730	✗	✓	✗	✗	✓	✓
Cotton	TX309, TX306, TX304, TX318, TX312, TX329		Cotton Series	✗	✓	✓	✓	✓	✓
Foam	TX704		CleanFoam Series A, CleanFoam Series B, General Purpose Foam Series	✓	✓	✓	✓	✓	✓
Polypropylene/ Cellulose	TX699, 2009			✗	✓	✓	✓	✓	✓

✗ = not compatible ✓ = compatible

Sterile products are marked in **BOLD**

TexTab™ Versus Bleach Comparison

	Bleach	TexTab™ TX6460
Effective pH	10 – 13	6 – 7
Packaging and delivery	Heavy, concentrated solution	Bulk packed tablets
Use convenience	Must be stored, diluted, mixed, and filtered	Made at point-of-use
Stability	Degrades over time (may lose 20% of its activity in 6 months after opening) The bleach solution concentration must be confirmed before use	Stable, fresh solution No confirmation of concentration needed
Shelf Life	6 - 12 months for concentrate 1 day for mixed solutions	3 years for tablets 7 days for mixed solutions (in closed containers)
Odor	Strong	Moderate
Corrosion potential	High	Low
Hazard level: Eye	High (Severe irritant or may cause damage)	Low Irritant
Hazard level: Skin	High (Severe irritant or may cause damage)	Low Irritant
Hazard level: Respiratory system	High (Severe irritant or may cause damage)	Irritant
DOT Hazard Classification	Corrosive, Class 8 at 12% strength	The tablets and use-solutions are not classified as hazardous under the DOT regulations
Bactericidal concentration	2,400 – 5,000 ppm	538 – 1076 ppm
Sporicidal concentration	>5,000 ppm	4,306 ppm



Preparation of TexTab™ Sporidical Dilution in a Bucket



Fill the bucket with the specified amount of water (per SOP).



Add 4 tablets per gallon of water to make a sporidical dilution. See the dilution chart on page 4.



Wait while the tablets dissolve (2-3 minutes).

Use Directions



Mop the surface.



To kill *Clostridium difficile* spores, leave the surface wet for 4 minutes.

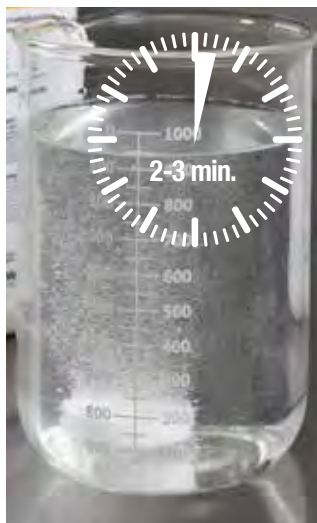


Remove the residue with sterile water, if needed.

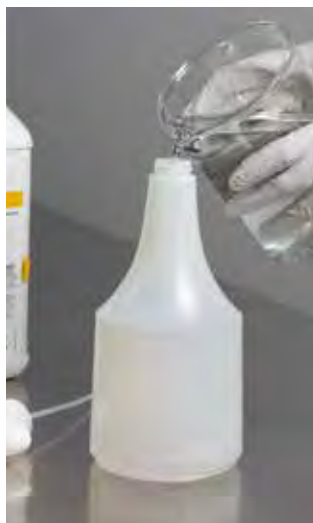
Preparation of TexTab™ Sporidical Dilution in a Spray Bottle



Fill the measuring beaker with 32 oz of water and add 1 tablet of TexTab™ to make a sporidical dilution. (There are 4 tablets per gallon needed for the sporidical dilution. One tablet will be needed to make a sporidical dilution in 32 oz spray bottle)



Wait while the tablet dissolves (about 2-3 minutes).



Pour the solution into a spray bottle.



The sporidical solution can be used for up to 7 days.

Use Directions



Remove any visible soil or spills from the surface using a sterile wiper: dry or pre-wetted with 70%IPA / 30% DIW or TexTab solution itself.



Wipe the surface with a wiper pre-wetted with TexTab™ sporidical solution.



To kill *Clostridium difficile* spores, leave the surface wet for 4 minutes.



Remove the residue with a sterile 70% IPA pre-wetted wiper.



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