

Turbulence®

Cleaner & Disinfectant for Hydrotherapy Tubs



Concentrated hydrotherapy tub cleaner and sanitizer based on proprietary hydrogen Peroxide (AHP®) technology.

Effective

- ▶ Disinfects in five minutes
- ▶ Removes biofilms
- ▶ Broad spectrum sanitizing activity, including MRSA and VRE in 30 seconds

Environmentally Sustainable

- ▶ VOC and APEO free
- ▶ Not irritating to eyes and skin in use dilution

Designed For

- ▶ Healthcare
- ▶ Education
- ▶ Lodging
- ▶ Government
- ▶ Retail



Use Overview

Turbulence® Cleaner & Disinfectant for Hydrotherapy Tubs is a concentrated hydrotherapy tub cleaner and disinfectant based on proprietary hydrogen peroxide (AHP®) technology. Foam-free formula for recirculating through hydrotherapy jet systems for biofilm removal and sanitizing.

- ▶ For initial purging, disinfecting and removal of biofilms, fill tub with cold or warm water to above the water jet line.
- ▶ Add product at 1:16 ratio.
- ▶ Turn on jets and circulate water for 5 minutes.
- ▶ Drain tub and rinse.

Broad Spectrum Sanitizing

- ▶ Fill tub with cold or warm water to above the water jet line.
- ▶ Add **Turbulence®** at 1:64 ratio.
- ▶ Turn on jets and circulate water for 30 seconds.
- ▶ Scrub surfaces and rinse.



Product Specifications

Description	Concentrate
Color/Form	Colorless liquid
DIN No.	02244517
Flash Point	> 200° F (> 93.4° C)
pH	1.83 (Concentrate) 2.4 (Use Dilution 1:16)
Scent	Characteristic
Shelf Life	2 years
Solubility	Complete
Specific Gravity	1.07

Hazard Rating

HMIS	Concentrate	NFPA
3	Health	3
0	Flammability	0
0	Reactivity	0

HMIS	Use Dilution 1:16	NFPA
1	Health	1
0	Flammability	0
0	Reactivity	0

4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant.

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Available Items

Product Code	Description/Package Size	Dilution
5024634	4 x 4 L Containers	1:16, 1:64

Use Dilutions Made Easy

Ratio	Per 15 Liters of Water	Per 4 US Gallons of Water
1:16 (disinfection, biofilm)	960 mL	4 cups (32 fl. oz.)
1:64 (sanitizing)	240 mL	1 cup (8 fl. oz.)

Efficacy Summary

Bactericidal:

- ▶ *Pseudomonas aeruginosa* (ATCC 15442)
- ▶ *Staphylococcus aureus* (ATCC 6538)
- ▶ *Salmonella choleraesuis* (ATCC 10708)

Broad Spectrum Sanitizing:

- ▶ *Pseudomonas aeruginosa* (ATCC 15442)
- ▶ *Staphylococcus aureus* (ATCC 6538)
- ▶ *Salmonella choleraesuis* (ATCC 10708)
- ▶ *Staphylococcus aureus* (ATCC 35592)
- ▶ Gentamycin and Methicillin resistant (MRSA)
- ▶ *Enterococcus faecalis* (ATCC 51575)
- ▶ Vancomycin resistant (VRE)

Safety Reminder

Please make sure your employees read and understand the product label and Material Safety Data Sheet before using this product. The label contains directions for use, and both the label and MSDS contain hazard warnings, precautionary statements and first aid procedures. MSDS are available on-line at www.diversey.com or by calling 888 352 2249.

Diversey
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