

TECHNICAL DATA SHEET



Industries

- Pharmaceutical
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Products

TX Number	Description	Packaging
TX6466	Bru-Clean TbC [™] Disinfectant Tablets	270 tablets/bottle 2 bottles/case
Dilution rate: 1 tablet per gallon of water		

Description

BruClean TbC[™] is a premeasured tablet that, when added to one gallon of water, creates a disinfectant solution that is effective against a broad array of pathogens, including MRSA, E. coli and Salmonella enterica. This product is EPA registered (71847-2-106) and is a convenient alternative to bleach.

The active ingredient, sodium dichloroisocyanurate (NaDCC), is:

- more stable than bleach (sodium hypochlorite)
- neutral pH
- biodegradable

Features

- Convenient tablet form – easy to use
- Pre-scored tablet – for making smaller volumes
- Bulk packed
- 937 ppm available chlorine for 24 hours
- EPA registered

Benefits

- Save on shipping and storage costs by purchasing lightweight, dry tablets instead of heavy, liquid bleach
- Consistent strength produced at point-of-use for cleaning and disinfecting hard surfaces
- Neutral pH makes it less corrosive on surfaces than liquid bleach
- Broad spectrum efficacy
- Biodegradable – safe for environment

Applications

- Cleaning and disinfecting hard surfaces, such as stainless steel
- Disinfecting all work areas – equipment, hoods, carts, isolators, floors
- Can easily replace liquid bleach in all applications

Bru-Clean TbC vs. Bleach Comparison

	Bru-Clean (TX6466)	Bleach
Effective pH	5 - 6	10 - 13
Packaging & Delivery	Bulk packed tablets	Concentrated solution
Use convenience	Made at point-of-use	Must be stored, diluted, mixed, and filtered
Stability	Stable, fresh solution	Degrades over time (lose 20% in 6 months)*
Shelf Life	Tablet shelf life of two years	One year
Odor	Moderate	Strong
Corrosion potential	Low	High
Hazard level: Eye	Low Irritant	High (Severe irritant or may cause damage)
Skin	Low Irritant	High (Severe irritant or may cause damage)
Respiratory system	Irritant	High (Severe irritant or may cause damage)
DOT Hazard Classification	Not classified as hazardous	Corrosive, Class 8 at 12% strength
Working concentration	937 ppm	2,500 – 5,000 ppm

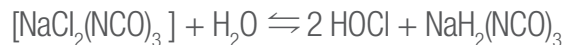
* The bleach solution concentration must be confirmed before the usage.

Hypochlorous acid (HOCl) is responsible for the disinfecting activity of both sodium hypochlorite (bleach) and NaDCC.

Sodium Hypochlorite – Bleach

Sodium dichloroisocyanurate – NaDCC

Dry tablet, when constituted with water (H₂O)



More HOCl is released from NaDCC at pH 5-6 than from sodium hypochlorite (liquid bleach) at pH 9.5

Biocidal Qualification Testing

A.O.A.C. Use-Dilution Confirmation Method

Organism	NaDCC (937 ppm) Exposure Time (min.)	Number of Growths
Canine Parvovirus	10	0
Canine Distemper Virus	10	0
Clostridium perfringens	10	0
Enterococcus faecalis Vancomycin resistant	10	0
Escherichia coli O157:H7	10	0
Feline calicivirus	10	0
Hepatitis A Virus	10	0
Herpes Simplex Virus Type 1	10	0
Human Immunodeficiency Virus Type 1	10	0
Klebsiella pneumoniae	10	0
Newcastle disease Virus	10	0
Norovirus	10	0
Poliovirus Type 1	10	0
Porcine parvovirus	10	0
Pseudomonas aeruginosa	10	0
Pseudorabies	10	0
Salmonella enterica	10	0
Staphylococcus aureus	10	0
Staphylococcus aureus (MRSA & GRSA)	10	0
Staphylococcus epidermidis	10	0
Trichophyton mentagrophytes	10	0

Texwipe Regulatory Certificates

Texwipe is the only wiper company to be registered: ISO 9001 • ISO 13485 • ISO 14001 • OHSAS 18001