



OKADA ECOTECH PTE LTD (Reg No 199805584M)

www.okada-ecotech.com

Bio-X[®] Kleanze



INDUSTRIAL DISINFECTANT SUITABLE FOR HOME USE

- ✓ **Kills > 99.99% bacteria**
- ✓ **Kills > 99.99% viruses**
- ✓ **Anti-Fungus**
- ✓ **Deodorizer**
- ✓ **Insect Repellent**
- ✓ **Water-Based**
- ✓ **Botanical Extracts**
- ✓ **Non-Poisonous; DEET-Free; Chlorine Free; Alcohol-Free**

➤ Disinfectant

BASIC BACTERIAL ACTIVITY IN ANIMAL FARMS

TEST MICRO ORGANISMS	Initial count of test micro-organism per ml of test mixture	Average count of surviving test micro organism per ml of test mixture at 45 & 60 minutes	Percentage of test micro-organism inactivated at 45 & 60 minutes
Salmonella Enteritidis phage Type 4 (Poultry Isolate)	41 x 10 ⁶	0	> 99.99%
Salmonella Typhimurium (Poultry Isolate)	91 x 10 ⁶	0	> 99.99%
Escherichia Coli (Poultry Isolate)	95 x 10 ⁶	0	> 99.99%
Escherichia Coil O157:H7 (Cattle Isolate)	47 x 10 ⁶	0	> 99.99%
Pasteurella Multicoda (ATCC 12948)	19 x 10 ⁶	0	> 99.99%
Salmonella Choleraesuis (ATCC 10708)	57 x 10 ⁶	0	> 99.99%
Actinobacillus Pleurophbcillus (Pig solate)	28 x 10 ⁶	0	> 99.99%

Test conducted by **Agri-Food & Veterinary Authority of Singapore (AVA)**, yields the above results. BIOACT TDS was diluted at 1:80 and effectiveness against various bacteria were observed following a 45 and 60 minutes exposure.

BASIC VERIDICAL ACTIVITY IN ANIMAL FARMS

TEST VIRUS	(%) Reduction after 45 minutes exposure	(%) Reduction after 60 minutes exposure
Classical Swine Fever Virus	> 99.9%	> 99.9%
Aujeszký Disease Virus	≥99.999%	≥99.999%
Infectious Bronchitis Virus	≥99.999%	≥99.999%
Newcastle Disease Virus	≥99.999%	≥99.999%

Tests were conducted by **Agri-Food & Veterinary Authority of Singapore (AVA) & National Chung Hsing University of Taiwan**. BIOACT TDS & BIOVECTROL® 20EM was diluted at 1:80 and effectiveness against various viruses were observed following a 45 and 60 minutes exposure.

➤ **PLESANT ODOR, NON-STAINING AND NON-IRRITANT**

The water-based stain-free formula with botanical extracts, making it safe for children and pets.

➤ **Packaging**

Bio-X® Kleanze Disinfectant comes with two types of packaging sizes: 200ml PET bottle & 1L HDPE bottle.

➤ **Recommended Dilution Ratio**

Product	Usage	Recommended Effective Dilution Ratio
Bio-X® Kleanze Plus 200ml	Hand Spray & Sanitizer General disinfecting: floor, furniture, soft & hard surfaces	1:15
Bio-X® Industrial 1L	Recommended equipment: Hand sprayer, Compressed air sprayer, Mist-blower, ULV fogger	1:40

➤ **Recommended Preparation Procedure for usage:**

1. Shake Bio-X® Kleanze bottle vigorously to ensure a complete mix of the solution.
2. Based on the desired application, pour out the right amount of Bio-X® Kleanze with a measuring cup. (e.g. for our 200ml packaging, the capacity of 1 cap full is 5ml).
3. Use tap water or clean water to dilute Bio-X® Kleanze solution. Shake the mixture vigorously for at least 10 seconds to ensure a good mix.
4. Reminder: Do not keep diluted solution for more than 90 days. Keep solution away from direct sunlight and heat.

Bio-X Product Range



Safe

Green

Water-Based

Non-Poisonous

Multi-Functional Solution:

- Insecticide
- Insect Repellent
- Disinfectant
- Deodorizer
- Fungicide
- Ovicide/Larvicide
- Plant-Growth Enhancer



044-012-2843
Biodegradable
Product

The full range of Bio-X and BioVectrol products are available online at:

www.biovectrol.com



Bio Vectrol

Singapore Pte Ltd (Reg No. 199507267W)

24 Pioneer Crescent #04-08, West Park Bizcentral, Singapore 628557

Tel: +65 6872 3515 Fax: +65 6872 6558