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SPECIALTY CHEMISTRY

WASTE MANAGEMENT

APPLICATION TECHNOLOGY

INNOVATIVE ENGINEERING

Product Application Presentation

Product Identifier:

TCI 722 H.D.

Process Identifier:

Livestock trailer excreta pre-soak (spray/foam) cleaning concentrate

Product Presentation

TCI 722 H.D. excreta pre-soak spray or foaming detergent liquid concentrate is a heavy-duty cleaning solution designed for tough organic soils like animal waste and food residues.

Contact the manufacturer for the best safe Chemical Spray/Foam Application System Design to meet your facility.

Verified with calibration instruments.

Suggested Dilution ratio

Heavy Encrustations 5:1 - 10:1

Effectively sanitizes all contact surfaces prior to HP-DEFEND disinfectant.

(See HP-DEFEND BROCHURE)

Packaging: 20, 205, 1000 litres

Process Introduction

Water-dilutable - Can be mixed with water for different cleaning strengths.

Beige-colored - Distinctive appearance for easy identification.

Environmentally friendly formulation.

Alkaline based - Effective in breaking down grease and organic waste.

Dual-action - Combines detergent cleaning power with grease-cutting saponification.

Ideal Uses: Residual animal waste removal (barns, kennels, wash bays and veterinary facilities livestock housing or processing facilities for poultry, hog barns, cattle barns.

Application Methods:

Pre-soak spray/foam - Remove bedding. Loosens dried-on excreta before washing. Foaming vs Spray application - Clings to vertical surfaces for extended contact time.

Process Specificity

Powerful Cleaning - Removes Bug splatter, manure, pig/cattle/chicken excreta.

Multi-Surface Safe

Rinses spot-free without residue

Non-corrosive to aluminum (polished, extruded or painted) over time

Enhances Appearance - Leaves a luxurious sheen, improving light reflectivity on surfaces by removing scum.

Cold Water Effective - Works at ambient temperature (NO NEED for HOT WATER)

CREM CO LABS Mississauga

BACTERIAL SUSPENSION

Log10 reductions and % reductions using *S. aureus*, for Test item:

TCI 722 H.D. (Lot# 722-2025JL10)

10 Minutes 2.33 log reduction 99.53 % reduction

20 Minutes 2.67 log reduction 99.78 % reduction

CONCLUSION: The 10:1 tap water dilutions of the test substance TCI 722 H.D. (Lot# 722-2025JL10) achieved log₁₀ reductions of 2.33 and 2.67 against *S. aureus* in the presence of three-part soil load at contact times of 10 minutes and 20 minutes, respectively.

Log10 reductions and % reductions in the **VIRUS TITER** for the two contact times 5 minutes and 1 minute of the test substance TCI 722 H.D. (Lot# 722-2025JL10)

Sample ID Contact Time Log10

TCI 722 H.D. (Lot# 722-2025JL10)

5 minutes >4.63 log reduction >99.9977%

1 minute >4.80 log reduction >99.9984%

CONCLUSION: The 10:1 tap water dilution of the test substance TCI 722 H.D. (Lot# 722-2025JL10) demonstrated log₁₀ reductions of >4.63 and >4.80 against Influenza A Virus (H1N1) with a 5% soil load at contact times of 5 minutes and 1 minute, respectively, and therefore met the acceptance criteria required by Health Canada and the U.S. EPA.



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