

SMARTSAN V

Description:

Smartsan V is a broad spectrum anti-microbial cleaner and disinfectant. It is suitable for use on any washable surface including plastics, laminates, paintwork, metals and fabrics.

APPLICATIONS

Smartsan V is ideal for remedial disinfection or where regular one stage cleaning and disinfection is required as part of a cleaning or infection control program e.g Care homes, livestock handling, bus/coaches, fleet hire, taxis, washrooms, schools, catering establishments, hospitals and clinics, veterinary establishments & ambulance interiors. It is effective on light duty or organic soiling. For heavier soiling the surface should be pre-cleaned using a suitable detergent.

FEATURES

- Cleans and disinfects
- Broad spectrum anti-microbial action
- Effective against viruses, bacteria, yeasts and fungi
- Non-corrosive, suitable for all washable surfaces

DIRECTIONS FOR USE

Pre-clean heavy soiling. Dilute Smartsan V with either hot or cold water. Apply with a sprayer and wipe over with a damp cloth. Alternatively, apply using a mop & bucket. Always rinse product from food contact surfaces. Allow a contact time of at least 5 minutes.

DILUTIONS

- Anti-viral spray – use neat
- Routine cleaning & disinfection 1:4 to 1:10 depending on degree of soiling
- Light duty cleaning & disinfection, floor mopping 1:30

Specification

Description	Anti-microbial cleaner and disinfectant.
Biocide type	Poly(hexamethylene biguanide) hydrochloride / benzalkonium chloride mixture
Detergency System	Nonionic
pH	Neutral
Specific Gravity at 20°C	1.005
Storage Temperature	5°C (min) 35°C (max)
Flashpoint	None
Solvent Content	Nil
Odour	Faint hygienic, non-tainting in use
Incompatible Materials	Conventional anionic detergents

SUMMARY OF ANTI-MICROBIAL PERFORMANCE

AREA	TEST METHOD	TEST CONDITIONS	TEST ORGANISM	PASS DILUTION
All	EN 1276:1997	Hard Water Dirty Conditions (0.3% BSA) 5 mins contact time	Pseudomonas Aeruginosa ATCC15442 Staphylococcus aureus ATCC 6538 E.Coli ATCC 10536 Enterococcus hirae ATCC 10541 Lactobacillus Brevis DSM6235	1:15
All	EN1650:1998	Hard Water Dirty Conditions (0.3% BSA) 15 mins contact time	Candida Albicans ATCC 10231	1:30
Medical	Suspension Test	Sterile Water 1 mins contact time	Human Immunodeficiency Virus, type 1 (HIV)	1:7
Food & Domestic	Based on EN 1276:1997	Sterile Water Dirty Conditions (0.3% BSA) 5 mins contact time	Rotavirus	1:30

SUMMARY OF ANTI-VIRAL ACTIVITY

VIRUS	DISEASE	TEST CONDITION	PASS DILUTION
Swine Influenza A (H1N1)	Swine Flu	Surface Test 10% fetal bovine serum, 10 min contact time, room temperature	1:3
Influenza Hong Kong Virus	Flu	Surface Test ,SDW 10% albumin, 10 min contact time, room temperature	1:20
Hepatitis C* *Bovine Viral Diarrhoea virus as surrogate	Hepatitis C	Surface Test 5% Horse Serum 1 min contact time room temperature	1:2
Foot & mouth disease Virus	Foot & Mouth Disease	Suspension Test , WHO Hard water 1% serum, 30 min contact time, 4 deg / C	1:2
Pathogenic Avian Influenza (H7N1)	Bird Flu	Suspension Test , 0.3% BA & 1% BA+1% YE 30 min contact time, 10 deg / C	Neat
Pathogenic Avian Influenza (H5N1)	Bird Flu	Suspension Test , Hard Water 5% chicken serum 10 min contact time, Room temperature	Neat