



DISINFECTANT DATA SHEET ~ PRODUCT DATA SHEET

We supply a wide range of antiseptics and disinfectants which are manufactured to a very high standard in the United Kingdom. Our product listing below covers both well known disinfectants found in many markets as well as those produced with up-to-date twinchain quaternary compounds.

Section one

Standard, well known disinfectants

Particularly applicable where HFMD, SARS and Bird Flu are prevalent. All our disinfectants listed in this section meet the EN1276 dilution test for bactericidal activity at the dilution rates indicated below which means they will kill 99.99% of a wide range of bacteria, including e-coli, staphylococcus, enterococcus and pseudomonas aeruginosa, within 5 minutes. The disinfectant range includes:

Stanpol - a high quality antiseptic suitable for use in first aid and medical applications. It is sold as two types:

- **Stanpol Fluid** – a clear amber liquid ready for bottling into retail packs. It conforms to the specification for Chloroxylenol Solution BP and meets EN1276 at a dilution rate of 1:50
- **Stanpol Concentrate** – before bottling, dilute with 2 parts of water to produce a clear amber liquid which meets EN1276 at a dilution rate of 1:40

Stanstol and Stantex - clear economical disinfectants suitable for domestic and hospital applications. Stanstol and Stantex combine many of the features of Stanpol with more competitive cost

- **Stanstol Fluid** – a clear amber liquid ready for bottling into retail packs. Meets EN1276 at a dilution rate of 1:20
- **Stanstol 1 + 2** – before bottling, dilute with 2 parts of water to produce Dystol Fluid which meets EN1276 at a dilution rate of 1:20
- **Stantex 1 + 11** – before bottling, dilute with 11 parts of water to produce Dystex Fluid, a strong disinfectant fluid which meets EN1276 at a dilution rate of 1:50

Stansol B - a strong black disinfectant suitable for industrial, domestic and veterinary applications, comparable to Creoline or Phenol and is sold as three types:

- **Stansol B Fluid** – a bright black liquid ready for bottling into retail packs. It is approved for use against avian flu at a dilution rate of 1:41 and meets EN1276 at a dilution rate of 1:50.
- **Stansol B Concentrate** – dilute with 3 parts of water before bottling to form an economical black disinfectant fluid. The resulting fluid meets EN1276 at a dilution rate of 1:40
- **Stansol B 18-22** – a very strong black liquid ready for bottling into retail packs. It meets EN1276 at a dilution rate of 1:200

Lysol BP - a very strong, clear disinfectant suitable for hospital and veterinary applications

- **Lysol BP** – a deep amber/red liquid ready for bottling into retail packs. It is particularly suitable for heavy disinfection in hospitals (including surgical instruments), mortuaries and veterinary centres. Lysol BP meets EN1276 at a dilution rate of 1:300. Lysol BP, which is made to meet the current British Pharmacopoeia specification, is made from cresols in a vegetable oil soap. It is a High Level Disinfectant and is much stronger than the alcohol based American Lysol which is a Low Level Disinfectant

STANKILL

POWERFUL, BROAD SPECTRUM PHENOLIC DISINFECTANT FOR AGRICULTURAL USE

- ◆ A Complete “All-In-One” Disinfection Program For Livestock Agriculture
- ◆ Offers Unsurpassed Broad Protection From Infectious Livestock Diseases
- ◆ Proven Effectiveness Against Poultry Viral Diseases At 1:260
- ◆ Broad Spectrum Activity Against Bacteria (Including Pseudomonas)
- ◆ Powerful Tuberculocidal, Virucidal & Fungicidal Formulation
- ◆ Offers Protection From Coccidia & Rickettsiae
- ◆ Ideal Farmyard Disinfectant
- ◆ Effective In The Presence Of High Levels Of Organic Soiling
- ◆ Effective Under All Temperature Conditions
- ◆ Effective Under Hard Water Conditions
- ◆ Environmentally Friendly – Biodegraded By Mixed Culture Bacteria
- ◆ Formulated With Detergents & Acid Buffered For Maximal Effectiveness

APPLICATIONS:

- ◆ Recommended for all general farmyard disinfection at 1:260 dilution
- ◆ Ideal for all areas with high level microbial and organic contamination
- ◆ Useful for prevention of infectious diseases in livestock housing

**Phenolic disinfectants are not recommended for use in/near food and dairy processing plants.*

DIRECTIONS FOR USE:

Recommended for routine disinfection at dilution of 1:260 for any livestock infection control program.

VIRAL DISEASE	RECOMMENDED DILUTION
POULTRY DISEASES	1:260
FOOT AND MOUTH DISEASE	1:500
SWINE VESICULAR DISEASE	1:200

ANTI-MICROBIAL EFFICACY:

STANKILL passes European (BS EN1276) quantitative suspension test for the evaluation of bactericidal activity of Chemical Disinfectants and Antiseptics used in Food Production, Industrial, Domestic and Institutional areas at 1:260. At this dilution, the bacterial load can be reduced from 1,000,000 to <10 cells with only 5 min exposure for every one of 4 different problematic bacterial strains. Stringent test conditions (hard water and high level of organic contamination) apply.

SPECIFICATION:

Composition	:	A blend of Chlorinated Phenolics derivatives in a buffered surfactant base
Appearance	:	Dark Brown Viscous liquid
Odour	:	Characteristic Phenol
Density	:	1.105 g/mL
pH Value	:	3.5 (1% solution)

Other general types of disinfectants offered:

1. **Cresylic acids, various grades**
2. **Creoline**
3. **Hand cleansers & sanitisers**
(alcohol & non alcohol types)

Section two

Specialist disinfectants using 21st century quats

Stan Chem manufacturers a range of specialist liquid and solid concentrates (some DEFRA Certified, UK Ministry of Agriculture, Fisheries & Food) as well as ready-to-use formulated materials with broad spectrum bactericides and viricides. Disinfectant cleaners must balance efficacy, detergency and cost. Efficacy can also be widened further by use of amines and biguanides.

Main areas of application:

- Agriculture & animal life science, veterinary disinfection
- Food contact sanitiser
- Industrial & institutional hard surface disinfection
- Medical ~ hospital instrument disinfection

Microbiological Efficacy ~ Applications:

Disinfectant ~ anti-microbial agents applied to inanimate objects or surfaces kill pathogenic organisms. The purpose of disinfectants is to eliminate the hazard of contamination or infection and the specialist disinfectants that Stan Chem manufacturers can be used in:

- Agriculture (swine vesicular and other diseases)
- Food contact sanitiser
- Institutions ~ hard surfaces and laundry
- Hospitals ~ medical instruments

Health issues and poor hygiene, global food and preparation supplies as well as antibiotic resistance has determined production of better quality disinfectants containing the optimum alkyl chain length to enhance microbiological efficacy. A second generation of blended, various chain lengths of speciality quaternary compounds has been developed in recent years and today, we have a third generation of twinchain-quats developed, based on advanced actives.

Using these new twinchain-quats, has allowed Stan Chem to produce a range of specialist bulk concentrate disinfectants (or ready to use disinfectants) that can be packed in small, easy to handle polycans or 200L drums, and even IBCs. Documentation to support customers' registration needs are available.

Why do optimised quaternary compounds provide such excellent benefits?

- better cleaning and broad efficacy in less than ideal conditions such as hard water and organic soils
- extremely effective against many micro-organisms, viruses, bacteria:
 - Gram positive & gram negative, fungi and algae
 - Hepatitis B, BVDV (surrogate for HCV), HBV, HCV, HIV
 - Tuberculocidal efficacy (TB)

SC-9 ~ Disinfectant cleaner for hospital & veterinary, hazardous

Antimicrobial efficacy and excellent for hard surfaces tested according to DGHM in hospitals and general areas on hard surfaces contaminated with salmonella, mycobacterium TB, virus such as swine plague, Newcastle, Myxomatosis, Maladie d'Aujesky, Rotavirus bovine RF28.

Uses: Hospitals and Agricultural areas

SC15 ~ High performance disinfectant, good for hospitals, institutional, foods and household

This disinfectant targets micro-organisms and is classed as a non-corrosive biocide with broad spectrum activity against both gram positive and gram negative bacteria, as well as maintaining high efficacy in the presence of heavy organic soiling such as blood and protein. Antimicrobial efficacy with good bactericidal and fungicidal performance. A surface disinfectant on non porous hard surfaces (DGHM), TB and MRSA

Uses: a biocidal amine active against TB, MRSA, Hepatitis B. It has good surfactant properties and is compatible with selected anionic surfactants

SC19-AN ~ General purpose disinfectant cleaner ~ industrial non hazardous, liquid concentrate disinfectant, aldehyde free

This disinfectant targets micro-organisms and is a safe biocide, broad spectrum of activity against both gram positive and gram negative bacteria and fungi. It also acts as a fungicide and mildewcide. Active against enveloped viruses such as Hepatitis B, HIV and has high tolerance in hard water with good surfactant and wetting properties.

Uses: in animal and poultry houses; hard surfaces; walls; cages and veterinary clinics.

SC-13E ~ General purpose disinfectant cleaner ~ industrial hazardous disinfectant aldehyde free

This disinfectant targets micro-organisms and has a broad spectrum of activity against both gram positive and gram negative bacteria and is also active against enveloped viruses such as Hepatitis B. It maintains high efficacy in the presence of heavy organic soiling such as blood and protein, with good surfactant properties.

Uses: on small surfaces, medical and dental inventory. It can target micro: TB (tuberculocidal micro organism) and acts as both a bactericide as well as a fungicide against HBV, HCV, HIV, Rota, vaccinia viruses

SC114F - Broad spectrum - a good, general industrial, household & Institutional disinfectant, hazardous label

This disinfectant is tested against standard organisms such as e.coli, s.aureus, c. albicans and e hirae. Product gives key results via DGHM , DVG and EN tests with a wide range of organisms.

For hospital disinfection : the range is 0.5 to 2% in clean conditions which increases to 0.75% to 7.5% in dirty conditions depending on the contact time.

In food applications : the application rate is typically 1.0% in clean and 1.5% in dirty conditions with a 30 min contact time.

EN 1276 was passed at 0.25% in 5 minutes (P aeruginosa, S aureus, Ecoli, E hirae) and EN1040 also passed at 0.25% in 5 mins.

Uses: for different treatments such as hard surfaces, hospitals, food industry (food factories and restaurants, equipment etc), agricultural-veterinary (cages or stables for animals)

SC-30 ~ Disinfectant cleaner for hospital & veterinary, institutional, liquid concentrate containing aldehyde, hazardous label

These disinfectants targets micro-organisms and is a safe biocide, broad spectrum of activity against both gram positive and gram negative bacteria and fungi. It also acts as a fungicide and mildewcide. Active against enveloped viruses such as Hepatitis B, HIV and has high tolerance in hard water with good surfactant and wetting properties.

Uses: in animal and poultry houses (very suitable against foot and mouth virus); hard surfaces; walls; cages and veterinary clinics

SC-50 ~ Surgical instrument disinfectant liquid concentrate chloride free, hazardous label

This disinfectant targets TB and HBV virus and is an excellent sanitiser and being chloride free is especially suitable for surgical instrument cleaning.

Uses: sanitising medical instruments (including scalpels) after use in hospital operations (instruments are cleaned and autoclaved)

STANBAC 205M 7.5 ~ an all round liquid disinfectant for use in homes, hospitals, institutions and industrial applications, especially promoted for bird flu disinfection, with EPA registration 6836-70

This disinfectant acts as a sanitiser and deodoriser with a broader use on food contact surfaces with special emphasis: staphylocidal, pseudomonacidal, bactericidal, salmonellacidal, fungicidal and virucidal. The material has been tested against the Avian Influenza virus (which causes bird flu) but it should be noted that the strain tested is not the deadly H5N1 strain (no contract laboratories are licensed to use that strain right now). However all forms of this virus are similar.

It has good surfactant and cleaning properties and has a residual effect.

Uses: It has been especially formulated for effective sanitation of farms as well as poultry & swine premises, also mushroom farm sanitation. It can be used in veterinary practices, animal care and animal laboratory disinfection as well as in schools, dairies, restaurants and food handling and processing areas including bars and institutional kitchen use. Also suitable for washing and sanitising whole egg shells (without breaks or cracks in shells)

STANBAC 36 and 40 TYPES ~ solid disinfectant cleaners for agricultural & farmyards as well as pet protection, hazardous label

These two materials target bacteria, fungi and viruses, killing pathogens/viruses such as salmonella, E Coli and streptococci species.

Uses: in agricultural disinfection, simple to prepare and use with a rapid rate of action, leaving no taint and degrading quickly so livestock can be returned to disinfected areas. The disinfectants can also be used to clean and disinfect all areas where animals live as well as applied directly to the animal skins to prevent airborne organisms penetrating them