

---

# PTC | XtraSAN

## ACTIVE SANITISER

Sterilises surfaces and kinder to hands

---

### TECHNICAL DATA SHEET

**PTC XtraSAN** is a complex polymeric biocide in a ready to use aqueous solution providing rapid and ongoing antibacterial and antiviral action on treated surfaces and hands.

The product is non-toxic, non-irritant, non-hazardous, non-flammable and environmentally friendly. Effective against bacteria to BS EN 1276 and BS EN 13697 and against viruses to BS EN 14476.

The active ingredients contained in **PTC XtraSAN** attack protein and lipid structures, including those encapsulating envelope viruses such as COVid-19. **PTC XtraSAN** has demonstrated effectiveness against viruses similar to SARS-CoV-2 (which is the virus that causes COVID-19) on hard, nonporous surfaces. Therefore, **PTC XtraSAN** can be used against SARS-CoV-2 when used in accordance with the directions for use.

The active ingredients in **PTC XtraSAN** are listed on the United States Environmental Protection Agency website as being effective against Human Coronavirus.

#### **Directions:**

Use to refill sanitising stations, spray bottles and hand foamers as required.

#### **As a surface cleaner:**

Spray on to surface from a distance of 15-20cm. Leave to act for up to 5 minutes. Wipe away any excess product if necessary with a damp cloth, sponge or paper towel.

#### **As a hand sanitiser:**

Apply to hands, massage gently and allow to dry, or rinse with clean warm water if required.

#### **Safety Information:**

See separate SDS sheet.

#### **Storage:**

Store in a cool dry place away from direct sunlight.

#### **IMPORTANT NOTE:**

All the information in the Data Sheet is based on practical experience and is published in good faith. However, because we have no control over the manner or conditions in which our products are used, or over work undertaken or end product manufactured by the purchaser, we cannot accept liability for results. Responsibility for ascertaining the suitability of products for his purposes rests with the purchaser. All conditions, representations, statements, warranties or guarantees whatsoever, whether express, implied or statutory, in respect of any goods manufactured, sold or supplied by us are hereby expressly excluded and we accept no liability in respect of any claim for damage or consequential loss caused to any property arising directly or indirectly out of the use of our products or goods.

Health and Safety information - see separate sheet.

**Regulatory compliance:**

- o PTC XtraSAN Surface & Hand Sanitiser is 100% compliant with all international hand hygiene protocols and the EU Biocidal Products Regulation (NPR, Regulation (EU) 528/2012).
- o PTC XtraSAN contains the active ingredients of Benzalkonium chloride. CAS 8001-54-5 EC 264-151-6 and Dimethyl Dialkyl ammonium chloride CAS 7173-51-5 EC 230-525-2
- o Concentrations of these ingredients are equal to or above those recommended by the European Centre for Disease Prevention and Control for use in targeting COVID 19
- o <https://www.ecdc.europa.eu/sites/default/files/documents/coronavirus-SARS-CoV-2-guidance-environmental-cleaning-non-healthcare-facilities.pdf>
- Proven superior performance over alcohol based sanitising products
- o Kills up to 99.999% of germs within 1 minute
- o Kills a broad spectrum of bacteria and viruses
- o Effective against C. diff, unlike alcohol based hand sanitiser
- o Increased effectiveness with repeated use
- o Long lasting residual efficacy offering ongoing protection between uses and resistance the formation of biofilm
- o Biofilm disrupting capability
- 100% alcohol, chlorine, bleach and SLS Free
- Not tested on animals and vegan friendly
- Suitable for all skin types
- o Doesn't dry out, irritate or damage the integrity or pH level of the skin. Capable of actively moisturising.
- Non hazardous
- Non flammable
- Fragrance free
- Does not promote superbug resistance
- Formulation effective to EN 1500
- PTC XtraSAN is a sophisticated blend of active and inactive ingredients that has a very affective bio-film reduction capability. This is due to the secret and unique interaction between the various components

Test Test Organisms Log Reduction

| Test          | Test Organisms       | Log Reduction |
|---------------|----------------------|---------------|
| BS / EN 1276  | <i>E. coli</i>       | 8.39          |
|               | <i>P. aeruginosa</i> | 8.12          |
|               | <i>S. aureus</i>     | 7.37          |
|               | <i>E. hirae</i>      | 8.22          |
| BS / EN 13697 | <i>E. coli</i>       | 5.75          |
|               | <i>P. aeruginosa</i> | 6.20          |
|               | <i>E. hirae</i>      | 6.13          |
|               | <i>S. aureus</i>     | 5.92          |
| BS / EN 14476 | Influenza A (H1N1)   | PASS          |
|               |                      |               |
|               |                      |               |