

# Casacide™ 296

## Mixed Chloroxylenols



Broad-spectrum  
power



Stronger  
protection, simpler  
storage



UK manufacture,  
integrated global  
supply network

### Product Description

Casacide™ 296 is a broad-spectrum antimicrobial agent based on a synergistic blend of chlorinated xylenols. It is primarily used in antiseptic, disinfectant, and detergent formulations outside the EU due to regulatory limitations under BPR.

### Applications

- Hard surface cleaners, sprays: maintains hygienic environments in healthcare, industrial, and public spaces
- Household and industrial formulations: improves hygiene without excessive harshness
- Animal care disinfectants: controls microbial spread in animal facilities

### Features and Benefits

- Offers proven biocidal performance across a range of pathogens including Gram-positive/negative bacteria and fungi.
- Compatible with anionic and non-ionic surfactants for cleaning and personal care applications.
- Cost-Effective formulations that don't require thickeners or preservatives in many applications.
- Supplied as a solid or viscous liquid, easier and safer to store than volatile biocides.
- Energy independent as a result of our on-site anaerobic digestion facility
- Trusted partner- celebrating 100 years of chemical manufacturing in 2026
- Global network of sales offices, direct logistics and US and UK formulating production centres ensuring security of supply and short lead times from stock.

### Mode of Action

Chloroxylenols-based agents act by disrupting the cell membrane and denaturing proteins of microorganisms, leading to rapid cell death. Their phenolic nature allows them to penetrate lipid-rich cell walls effectively.



Committed to Responsible Care



**Thomas Swan**  
Industrial Specialities

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## Selling Specification

Perklone (%)	Max 5
Total Xylenols by area normalisation (%)	Min 90
OCMX (%)	20-35
MX (%)	Max 5
DCMX (%)	20-35
PCMX (%)	20-45

## Packaging

Packed in 250 kg UN poly drums. Other packing options available upon request.

## Shelf Life

36 months from date of manufacture when stored in a cool, dry place.

## Handling

Use personal protective equipment.

Store in a dry, well-ventilated area away from incompatible materials (oxidizing agents, acids).

## Guidelines for Use

Typical dosage: 0.1–0.5% w/w depending on end-use formulation.

Can be blended with surfactants directly or pre-dispersed in alcohols for liquid systems.

Effective in pH ranges of 4–9.

Compatible with most formulation excipients, including anionics, non-ionics, and thickeners.

## Inventory Status

All components of this product are UK and EU REACH compliant.

**It is the responsibility of the end-user to review the chemical control regulations for each country.**

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