

# Casamed™ PCMX cGMP

(para-chloro-meta-xyleneol)

The only FDA audited chloroxylenol API that meets USP, Ph. Eur. and BP monographs.

Over 40 Years' experience in the production of antimicrobial preservatives and APIs to cGMP standards.

Highly effective active with INCI registration

## Product Description

Casamed™ PCMX cGMP is manufactured under current Good Manufacturing Practice (cGMP) standards, ensuring the highest levels of quality and regulatory compliance. This versatile, broad-spectrum antimicrobial active is effective against bacteria, mildew, and fungi, making it an ideal choice for personal care, home care, pharmaceutical, and animal care applications where uncompromising quality and safety are required.

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

## Applications

Antibacterial Soaps & Handwash	Shampoo & Conditioner	Disinfectants	Hard Surface Cleaners	Surface Wipes
Scalp Care	Animal Care	Wound & Skin Care	Medical Hand Sanitisation	Topical
Acne Treatment	Athletes Foot	Antiseptic Cream	Disinfection	Infection Treatment

## Features and Benefits

### ✔ Trusted Expertise in PCMX Production:

- Long-standing experience in manufacturing high-quality PCMX with a focus on high performance and batch to batch consistency.
- Produced in compliance with cGMP standards and quality control systems that meet BP, USP and Ph. Eur. Monographs.

### ✔ Market and Regulatory Confidence:

- Casamed™ PCMX is the only the only FDA audited chloroxylenol API that meets USP, Ph. Eur. and BP monographs, giving customers complete confidence in product quality and regulatory compliance. (BP and Eu. Ph.).

### ✔ Formulating freedom:

- Compatible with a wide range of anionic and amphoteric surfactants.
  - May be formulated with other chlorinated phenols, sulphur, and quaternary ammonium compounds.
  - Bactericidally active over a pH range of at least 4 – 9.
  - Guaranteed free-flowing crystals, even in bulk quantities.
- 
- Energy independent On-site anaerobic digestion facility.
  - Global sales network, direct logistics, and US/UK production sites ensure supply security and short lead times from stock.



Committed to Responsible Care

  
**Thomas Swan**  
Consumer Actives

# Casamed™ PCMX (para-chloro-meta-xylenol)

## Physical and Chemical Properties

Chemical Name, synonyms	PCMX; 4-chloro-3,5-dimethyl phenol; 4-chloro-3,5-xylenol; 4-chloro-meta-xylenol; chloroxylenol
CAS Number	88-04-0
GMP Manufacture	Yes
Physical Form	Crystals or Crystalline Powder
Crystal Appearance	White/off-white/cream
Melting Point (°C)	114-116 °C
Label in accordance with	(EC) No. 1272/2008
DG Classification	Class 9, UN 3077
HS Code (UK Export)	2908.9900
REACH Registration No. (PCMX)	01-2120759319-43-0000

## Mode of Action

Casamed™ PCMX effectively prevents the growth and replication of micro-organisms. This antimicrobial action helps control the spread of bacteria and fungi.

## Guidelines for use

Casamed™ PCMX is effective at 0.5% as a preservative, 0.5–3% in hand soaps, and 0.5–5% in surface cleaners. It requires pre-solubilization for optimal performance. Thomas Swan can provide pre-formulated solutions upon request, subject to technical requirements.

## Packaging

Casamed™ PCMX be supplied in a variety of standard, or tailor-made, packaging options, including:

25 kg UN boxes, 600kg nett pallets / 650 kg UN FIBCs, 1 pack per pallet / 1,000 kg UN FIBCs, 1 pack per pallet / 1,228 kg UN FIBCs, 1 pack per pallet

## Handling

Consult relevant Material Safety Data Sheet.

## Shelf Life

36 Months from date of manufacture

## Inventory Status

Australia (AICS)	Listed	✔	New Zealand	Listed	✔
Canada (DSL)	Listed	✔	Philippines (PICCS)	Listed	✔
China (IECSC)	Listed	✔	Taiwan (TCSI)	Listed	✔
Japan (ENCS)	Listed	✔	Thailand (TDCA)	Listed	✔
Korea (MEO/ECL/AREC)	Listed	✔	UK/EU (REACH) US	Registered	✔
Malaysia (EHSNR)	Listed	✔	(TSCA/FDA)	Listed	✔
Mexico (INSQ)	Listed	✔	Vietnam (VNECI)	Listed	✔

## Global Pharmacopoeia Listings:

British Pharmacopoeia (BP) Listed	✔
European Pharmacopoeia (Ph. Eur.) Listed	✔
United States Pharmacopoeia (USP) Listed	✔

## Geographical Information:

FDA/USP	BP and Eu. Ph.
Casamed™ PCMX USP (PR0674)	Casamed™ PCMX (PR0435)

Limited Liability Information: The information contained herein is offered in good faith and is believed to be accurate at the time of printing. This information should not be used as a substitute for your own quality control and/or testing procedures to ensure that our products are safe, effective and fully satisfactory for the intended end use. Product use may be limited by regional and or regulatory restrictions. Customers are responsible for checking to ensure compliance with local regulations in countries where products are to be placed on the market. Thomas Swan does not accept liability for non-compliant products placed on the market in breach of local regulations. It is the responsibility of the end-user to review the chemical control regulations for each country.