

Casacide™ DCMX

2,4-Dichloro-meta Xylenol



Very high purity
for consistent
effect



Over 40 Years'
experience in the
production of anti-
microbials



Global regulatory
support

Product Description

Casacide™ DCMX is a high-purity antimicrobial active supplied as an off-white to beige crystalline powder. It provides broad-spectrum antimicrobial efficacy against bacteria, fungi, and algae, making it suitable for use across a wide range of disinfectant and preservation applications. Casacide™ DCMX is widely used in personal care, cosmetics, coatings, adhesives, textiles, agriculture, and water treatment where robust preservation and microbial control are required.

Applications

- Cosmetics and Personal Care: lotions, medicated cleansers (as preservative/antimicrobial).
- Industrial Water Treatment: control of bacteria, fungi, and algae in recirculating water systems.
- Paints and Coatings: prevents microbial growth on surfaces and extends shelf life.
- Adhesives and Sealants: prevents microbial contamination and spoilage.
- Textiles and Leather: protects against microbial degradation in processing and finished goods.
- Agriculture: Disinfectant and preservative in animal housing, equipment, and feed.

Features and Benefits

- Broad-spectrum efficacy against bacteria, fungi, and algae.
- High purity ($\geq 95\%$) ensures reliable antimicrobial performance.
- Versatile solubility in alcohols and acetone, slightly soluble in water.
- Proven antimicrobial history with wide regulatory recognition.
- Enhances product durability by extending shelf life in diverse applications.
- 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

Casacide™ DCMX is a halogenated phenolic compound that disrupts microbial cell membranes and denatures proteins, leading to enzyme inactivation and cell death. This mechanism provides rapid and effective antimicrobial action across bacteria, fungi, and algae, ensuring reliable protection in both leave-on and rinse-off applications.



Committed to Responsible Care



Thomas Swan
Industrial Specialities

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Selling Specification

Appearance	Off white to beige powder
Purity (%)	Min. 95
Water (%)	Max. 0.5
Melting Point (°C)	Min. 90

Packaging

25 kg UN-approved poly drums

Other pack type available upon request

Shelf Life

24 months from manufacture when stored in a cool, dry, well-ventilated area.

Handling

Casacide™ DCMX is toxic if ingested, inhaled, or absorbed through the skin. It may cause irritation to skin, eyes, and respiratory system. Use appropriate PPE when handling. Avoid prolonged or repeated exposure.

Guidelines for Use

Typical use levels: 0.05 – 1.0% depending on application and local regulations.

Always confirm compliance with local biocidal, cosmetic, or chemical legislation before placing on the market.

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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