

Casacide™ X2500

2,4-Dichloro-meta Xylenol in IPA



Ready-to-use
liquid form



High-strength 50%
active



Easy incorporation
into formulations

Product Description

Casacide™ X2500 is a liquid antimicrobial formulation containing ~50% DCMX in isopropanol (IPA). This solution form offers easier handling and faster incorporation compared to crystalline DCMX, while maintaining the broad-spectrum efficacy of the active. Casacide™ X2500 is designed for use in disinfectants, sanitizers, detergents, and preservation systems across multiple industries.

Applications

- Household and institutional disinfectants
- Industrial and veterinary hygiene products
- Hard surface cleaners and sanitizers
- Antimicrobial detergents and cleaning concentrates
- Preservation of paints, coatings, adhesives, and sealants

Features and Benefits

- Broad-spectrum efficacy against bacteria, fungi, and algae.
- Liquid formulation eliminates the handling and dissolution issues of solid DCMX.
- High concentration: 50% active content enables efficient dosing and cost-effective use.
- Enhanced formulation flexibility: miscible with alcohols and compatible with surfactant systems.
- Reliable performance: stable solution with a proven antimicrobial track record.
- 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™ X2500 combines the antimicrobial power of DCMX with the solvent and carrier properties of isopropanol. DCMX acts by disrupting microbial cell membranes and denaturing proteins, leading to loss of enzyme function and cell death. IPA not only stabilises the solution and aids incorporation into formulations but also contributes rapid disinfectant action. Together, they deliver fast, broad-spectrum, and convenient microbial control.



Committed to Responsible Care



Thomas Swan
Industrial Specialities

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Selling Specification

Appearance	Amber-brown liquid
Propan-2-ol (%)	54 to 56
SG @ 20°C (g/ml)	0.97 to 0.98

Packaging

200 kg UN-approved drums

1000 kg IBCs

Other pack type available upon request

Shelf Life

36 months from manufacture when stored in tightly sealed containers, in a cool, dry place away from direct sunlight.

Handling

Flammable liquid – handle away from ignition sources.

Avoid inhalation, skin and eye contact.

Use PPE when handling.

Follow local regulations for flammable liquid storage and transport.

Guidelines for Use

Typical use levels: 0.1 – 2.0% active in finished formulations.

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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