



Triameen® Y12D

Highly effective biocidal amine with broad spectrum microbiocidal properties

As a leading producer of fatty amine based products, we offer

- Highly experienced technical and regulatory expert team giving quick and high value service and advice
- Support in BPR product registration with information needed to optimize the registration process, saving time and money

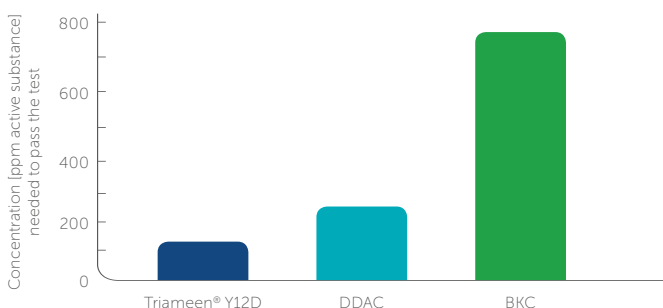
Triameen® Y12D is highly effective

Against mycobacteria

Results EN 14348 (0,03% BSA (Bovine Serum Albumin)), contact time 60 minutes:
Mycobactericidal and Tuberculocidal at 600 ppm active substance

Against Pseudomonas aeruginosa compared to quaternary ammonium compounds (quats)

Results EN 1276 (0,03% BSA), contact time 5 minutes:

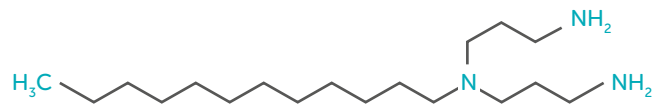


BKC: C₁₂₋₁₆-alkyldimethylbenzylammonium chloride
DDAC: Didecyl dimethylammonium chloride

Against influenza virus H1N1

Results EN 14476 (0,03% BSA), contact time 10 minutes:
Effective at 300 ppm active substance

Structure of the Triameen® Y12D molecule



Dodecyldipropylene triamine

BPR (Biocidal Products Regulation)

Authorization process is running for following PT (Product Types):

- Disinfection use (PT 2, 3, 4)
- Preservative use (PT 6, 11, 12, 13)

Specifically suitable for disinfection of food contact surfaces

- Usual concentrations are safe regarding indirect food contact
- On the "French positive list"
- No MRL (Maximum Residue Limit)

Specifically suitable for preservation of technical products

- Free of aldehydes and halogens
- Not a sensitizer"
- On BfR (German Federal Institute for Risk Assessment) recommendations on Food Contact Materials
 - XIV: Polymer dispersions for coating commodities
 - XXXVI: Paper and board

Triameen® Y12D is not a quat and therefore shows much better compatibility with anionics.

Contact us directly for detailed product information and sample request
website | nouryon.com/markets/cleaning
email | cleaning@nouryon.com

Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

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