

# Nouryon

## Triameen Y12D

The high performing, non-sensitizing biocide without MRL



Highly effective biocidal amine with broad spectrum microbiocidal properties

### A leading producer of fatty amine based products, Nouryon offers

- 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 for example

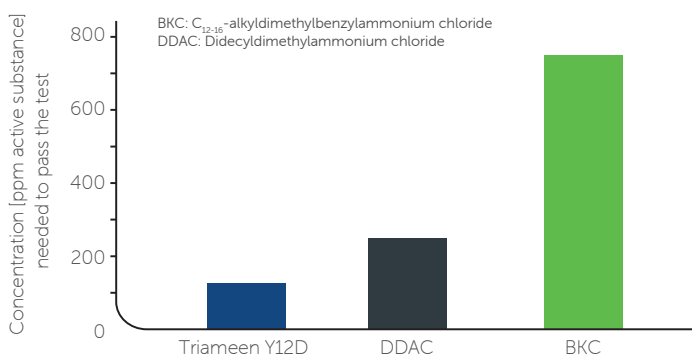
#### against mycobacteria

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:



#### against influenza virus H1N1

Results EN 14476 (0,03% BSA), contact time 10 minutes:

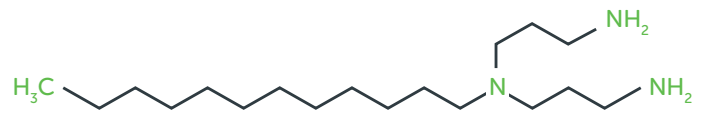
Effective at 300 ppm active substance

#### against *Pseudomonas aeruginosa* at short contact time

Results EN 1276 (0,03% BSA), contact time 15 seconds:

Effective at 450 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](https://nouryon.com/markets/cleaning)  
email | [cleaning@nouryon.com](mailto:cleaning@nouryon.com)

# Nouryon

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