PERACTIVE® FDO X
A low temperature, all-in-1 bleach granule for automatic dishwashing applications

We live know-how.
We live know-how.

A low temperature, all-in-1 bleach granule for automatic dishwashing applications PERACTIVE® FDO X

**ADVANTAGES**
- Peractive® FDO X combines two active ingredients, the well-known bleach activator tetraacetylethylene diamine (TAED) and the powerful bleach catalyst (MnTACN) in one specially designed granular particle.
- In combination with persalts (e.g. sodium percarbonate) FDO X acts multfunctionally to improve cleaning performance and hygiene action in automatic dishwashing cycles at low temperatures.

**FEATURES OF ACTIVE INGREDIENTS**

**Bleach catalyst MnTACN**
- Offers superior tea stain removal at 40 to 60°C (verified in consumer tests)
- Supports amylases in starch degradation processes
- Suppresses silver tarnishing by oxidation of sulphur-containing food residues

**Bleach activator TAED**
- Provides hygienically clean dishes (action based on peracetic acid)
- Reduces staining of plastic surfaces (dye transfer inhibition)
- Removes malodour from dishwashing machines

**TECHNICAL PROFILE**
- Free-flowing pink granules (spherical shape)
- Active content (approx.):
  - TAED: 75%; MnTACN: 2%; binder
- Typical use level: 1 – 2%  
- Optimum pH for best performance: 10.3 to 10.5
- To be used in ADW tablets and powders
- Compatible with all other ADW ingredients
- Best storage stability in neutral or slightly alkaline detergent environment
- Peractive® FDO X should not be used in laundry applications as fabric damage cannot be ruled out

**PERACTIVE® FDO X**

<table>
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<tr>
<th>TEA STAIN REMOVAL</th>
<th>HYGIENE</th>
<th>SILVER PROTECTION</th>
<th>STARCH REMOVAL</th>
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**CHARACTERISTICS MnTACN AND TAED**

**CERTIFIED MANAGEMENT SYSTEM**

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