

## OLYMPUS CLEANER AND DISINFECTANT

**GA Process Chemistry.**

Olympus process chemicals for ETD machines provide comprehensive and safe reprocessing of your flexible, heat-sensitive endoscopes. With Olympus Cleaner and Olympus Disinfectant, you have chosen well-established process chemistry, fully compliant with all relevant reprocessing requirements.

| Olympus Cleaner                            |                                                                                                                                                                                                                                                                                                                                          | Olympus Disinfectant                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>                 | <p>Thorough and gentle cleaning is a pre-requisite for comprehensive disinfection success. Being enzyme-based with neutral pH value, Olympus Cleaner assures utmost material compatibility and prevents any damage to your endoscopes.</p> <div></div> | <p>Efficient cleaning needs to be followed by comprehensive disinfection. Glutaraldehyde-based Olympus Disinfectant reaches optimum results at 58°C, ensuring patient and user safety as well as maximum protection for your endoscopes.</p> <div></div>                                                     |
| <b>Composition</b>                         | Non-ionic surfactants, enzymes, glycols, solubilizers, preservatives                                                                                                                                                                                                                                                                     | Active ingredient: Glutaraldehyde (20.0 g /100 g)<br>Other ingredients: Corrosion inhibitors, solvents                                                                                                                                                                                                                                                                                           |
| <b>Spectrum of Effect</b>                  | Olympus Cleaner effectively reduces organic debris and protein residues with its bioactive enzymes.                                                                                                                                                                                                                                      | <p>Olympus Disinfectant is largely effective against all relevant pathogens in endoscopy and complies with European standards in state-of-the-art endoscope reprocessing.</p> <p>EN 13727: Bactericidal activity<br/>EN 13624: Fungicidal activity<br/>EN 14348: Mycobactericidal activity<br/>EN 14476: Virucidal activity</p> <p>Certificates and documentation are available upon request</p> |
| <b>Direction for Use</b>                   | Olympus cleaner and disinfectant are supplied as a concentrate. Place it into your ETD washer-disinfector according to the instruction manual. The concentrate will then be automatically dosed into the machine process by the dosage pumps.                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Dosage (ETD3/ETD4)</b>                  | Dosage: 0.6% (6 ml/l)<br>Contact time: 3 min<br>Temperature: 45°C ± 2°C                                                                                                                                                                                                                                                                  | Dosage: 1.2% (12 ml/l)<br>Contact time: 5 min<br>Temperature: 58°C ± 1°C                                                                                                                                                                                                                                                                                                                         |
| According to standard ETD process settings |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Presentation</b>                        | 5 l canister (sales unit: 3 canisters)                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Biocompatibility</b>                    | Biocompatibility has been tested and proven according to ISO 10993. Simulated use tests demonstrated no influence on the viability of cells in cytotoxicity test from residues of the process chemicals.                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                  |

**Note:** Protective equipment and clothing should always be worn when handling chemicals. Refer to the material safety data sheet.

Manufactured by: Ecolab Deutschland GmbH, Ecolab Deutschland GmbH · Ecolab-Allee 1 · 40789 Monheim am Rhein · Germany · Tel.: +49 2173-599-0, [www.ecolab.com](http://www.ecolab.com)

## OLYMPUS ENDODET, ENDOACT AND ENDODIS

PAA Process Chemistry.

Olympus process chemicals for ETD machines provide comprehensive and safe reprocessing of your flexible, heat-sensitive endoscopes. With EndoDet, EndoAct and EndoDis, Olympus has created an optimally adapted, peracetic acid (PAA) based, process chemical system. Fully functional at low temperatures, it is largely effective while being fully compatible with your flexible Olympus endoscopes.

|                            | EndoDet                                                                                                                                                                                                                                       | EndoDis                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EndoAct                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | EndoDet is a surfactant-based detergent, which allows for optimum cleaning efficacy at lower temperature.<br><br>                                           | EndoDis is a disinfectant based on peracetic acid (PAA), providing a wide range of efficacy.<br><br>                                                                                                                                                                                                                                                                     | EndoAct allows the Olympus PAA process to work in a neutral pH value range and thus efficiently protects sensitive endoscope materials. It is an additive to EndoDis.<br><br> |
| <b>Composition</b>         | Non-ionic surfactants, glycols, solubilizers, cleaning booster                                                                                                                                                                                | Active ingredient: Peroxyacetic acid<br>Other ingredients: Hydrogen peroxide, acetic acid, stabilizer                                                                                                                                                                                                                                                                                                                                                      | Phosphates, sodium hydroxide                                                                                                                                                                                                                                      |
| <b>Spectrum of Effect</b>  | EndoDet effectively reduces organic debris and protein residues with special cleaning booster.                                                                                                                                                | EndoDis, in combination with EndoAct is largely effective against relevant pathogens in endoscopy and complies with European standards in state-of-the-art endoscope reprocessing. Efficacy (under clean conditions):<br>EN 13727: Bactericidal activity<br>EN 13624: Fungicidal activity<br>EN 14348: Mycobactericidal activity<br>EN 14476: Virucidal activity<br>EN 13704: Sporocidal activity<br>Certificates and documentation available upon request |                                                                                                                                                                                                                                                                   |
| <b>Direction for Use</b>   | EndoDet, EndoDis and EndoAct are all supplied as a concentrate. Place it into your ETD washer-disinfector according to the instruction manual. The concentrate will then be automatically dosed into the machine process by the dosage pumps. |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                   |
| <b>Dosage (ETD3/ETD4)</b>  | Dosage: 0.6% (6 ml/l)<br>Contact time: 3 min<br>Temperature: 35°C                                                                                                                                                                             | Dosage: 1.2% (12 ml/l each)<br>Contact time: 5 min<br>Temperature: 35°C                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |
|                            | According to standard ETD process settings                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                   |
| <b>Presentation</b>        | 5 l canister<br>(sales unit: 3 canisters)                                                                                                                                                                                                     | 2.8 l canister<br>(sales unit: 3 canisters)                                                                                                                                                                                                                                                                                                                                                                                                                | 5 l canister<br>(sales unit: 3 canisters)                                                                                                                                                                                                                         |
| <b>Biocompatibility</b>    | Biocompatibility has been tested and proven according to ISO 10993. Simulated use tests demonstrated no influence on the viability of cells in cytotoxicity test from residues of the process chemicals                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                   |

**Note:** Protective equipment and clothing should always be worn when handling chemicals. Refer to the material safety data sheet.

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