



**Ecolab Deutschland GmbH
Ecolab Allee 1
D-40789 Monheim am Rhein**

certifies that for

**U.I. Lapp GmbH
Schulze-Delitzsch-Straße 25
70565 Stuttgart**

material resistance tests

were performed with cleaning/disinfecting substances **P3-topactive 200, P3-topactive OKTO, P3-topax 52, P3-topax 66** and demineralized water as a zero reference factor.

The material resistance of the tested

ETHERLINE® PN Cat.5 Y FLEX FC

to the P3 products used in the test can be considered to be positive according to the cleaning procedure mentioned overleaf.


Monheim am Rhein, 6th November 2014

Ecolab Deutschland GmbH

i.A.


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This certificate is based on:

- documented test procedures (test no.: F&E/P3-E Nr. 40-1) according to material resistance
- defined product descriptions
- test report for the Ecolab certification carried out at U.I. Lapp GmbH, Stuttgart, 08.2013- Rev 2

Test procedure* Ecolab-test F&E Nr. 40-1

Dipping test:

- Complete immersion in solutions/liquid

Test period:

- 28 days

Temperature:

- constant room temperature (22,1°C – 23,7°C)

Analysis:

- Visual judgement like swelling, brittleness, discoloring
- compared to zero-reference factor (demineralized water)
- Photo documentation
- Function test

Product specifications:

P3-topactive OKTO

Acid disinfectant based on peracetic acid/hydrogen peroxide for the food and beverage industries

P3-topactive 200

Alkaline, chlorine-free foam cleaner in the food and beverage industries

P3-topax 52:

Acid foam cleaning substance for the food and beverage industries

P3-topax 66:

Alkaline foam cleaning detergent with active chlorine for machine cleaning in the food and beverage industries

Cleaning plan for food and beverage industry*



Rinsing with water 40 – 50°C

Rinsing with low pressure. Rinsing from top to bottom in the direction of the drains. Cleaning of the drains.



Foaming from bottom to top

| | | |
|---------------|---------------------|---------------|
| alkaline: | P3-topax 66 | 2 - 5 % daily |
| alternative | P3-topactive 200 | 3 - 5 % daily |
| acid: | P3-topax 52 | 2 % on demand |
| temperature: | cold up to 50°C | |
| contact time: | 15 min. recommended | |



Rinsing with water 40 – 50°C

Rinsing from top to bottom with low pressure

Foam disinfection P3-topactive OKTO 1 %, 10-30 min

Rinse after disinfection!