



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

bescheinigt hiermit, dass für

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

ein

Materialbeständigkeitstest

mit den Reinigungs-/Desinfektionsmitteln **Topactive 200**, **Topactive 500**, **P3-topax 66**, **P3-topactive OKTO** und entionisiertem Wasser als Referenzprobe durchgeführt wurde.

Die Materialverträglichkeit der getesteten Bauteile

ETHERLINE® ROBUST FR

ist gegenüber den im Test verwendeten P3-Produkten unter den umseitig aufgeführten Anwendungsbedingungen positiv zu sehen.

Monheim, den 21.02.2017

Ecolab Deutschland GmbH

i.A.


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This certificate is based on:

- documented test procedures (test no.: PM 40-1 Rev 5) according to material resistance
- defined product descriptions
- test report for the Ecolab certification carried out at U.I. Lapp GmbH, Stuttgart, 02.2017

Test procedure* Ecolab-test PM 40-1 Effective 08.2016 – Rev 5

Dipping test:

- Complete immersion in solutions/liquid

Test period:

- 28 days

Temperature:

- constant room temperature (20-25°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

Topactive 200:

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

Topactive 500:

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	5 % daily
alternative	Topactive 200	5 % daily
acid:	Topactive 500	5 % 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 1-3 %, 10-30 min

Rinse after disinfection!