



**Ecolab Deutschland GmbH
Reisholzer Werftstraße 38 - 42
D-40589 Düsseldorf**

certifies that for

**K.A. Schmersal GmbH
Möddinghofe 30
D-42279 Wuppertal**

material resistance tests

were performed with cleaning substances **P3-topactive DES, P3-topactive LA, P3-topax 56, P3-topax 66 and P3-topax 91** and demineralized water as a zero reference factor.

The material resistance of the tested

Safety Proximity Switch RSS 36 / RST 36

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

Düsseldorf, 14th September 2010

Ecolab Deutschland GmbH

i.V.



Cornel Tewes

i. V.



Reimund Laaff

This certificate is based on:

- documented test procedures (test no.: F&E/P3-E Nr. 40-1) according to material resistance
- defined product descriptions
- standardized cleaning procedure

Test procedure

Ecolab-test F&E Nr. 40-1

Dipping test:

- Complete immersion in solutions/liquid

Test period:

- 28 days

Temperature:

- room temperature (constant)

Analysis:

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

Product specifications:

P3-topactive DES

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

P3-topactive LA

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

P3-topax 56:

Acid foam cleaning substance for the food and beverage industry

P3-topax 66:

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

P3-topax 91:

Neutral disinfectant based on Quaternary Ammonium Compound (QAC) for the food industry

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-topactive LA or P3-topax 66 2 – 5 % daily
acid: P3-topax 56 2 % on demand

temperature: cold up to 40°C

contact time: 15 min. recommended



Rinsing with water 40 – 50°C

Rinsing from top to bottom with low pressure

Spray/Foam disinfection P3-topactive DES 1-3 %, 10-30 min

Spray/Foam disinfection P3-topax 91 1-2 %, 15 – 30 min

*short description