



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

reports that for

**Leuze electronic GmbH + Co. KG
In der Braike 1
73277 Owen, DE**

Material Compatibility Tests

were performed with the cleaning/disinfecting agents **Topaz AC1**, **Topaz MD6**, **P3-Topax 66**, and **P3-Topax 990** (deionized water used as reference).

The material compatibility of the tested sensors

- **Sensorbaureihe CRT648**

with the Ecolab products used in the test can be considered positive according to the specified cleaning procedure.

Monheim am Rhein, 19th May 2025

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This report is based on the documented test procedure (Ecolab Test F&E/P3-E Nr. 40-1) according to material resistance as well as defined product descriptions.

Test Procedure Ecolab Test F&E/P3-E Nr. 40-1

Test Materials:

- Sensorbaureihe CRT648

Method:

- Complete immersion in solutions

Test Period:

- 28 days

Temperature:

- Ambient temperature (constant)

Analysis:

- Visual inspection
- Digital microscope inspection

Product Specifications

Topaz MD6

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

Topaz AC1

Acid, foam cleaner for the food and beverage industry.

P3-Topax 66

Alkaline foam detergent sanitizer with available chlorine for the food and beverage industry.

P3-Topax 990

Mild alkaline, chlorine-free sanitizer for the food and beverage industry.

Cleaning Plan for the Food and Beverage Industry*



Rinsing with water 40 – 50°C

Rinse with low pressure from top to bottom in the direction of the drains.
Clean the drains thoroughly.



Foaming (from bottom to top)

Alkaline:	Topaz MD6 or P3-Topax 66	2 – 5 % daily
Acid:	Topaz AC1	1 – 4 %
Temperature:	Cold up to 50°C	
Contact time:	15 min. recommended	



Rinsing with water 40 – 50°C

Rinse from top to bottom with low pressure.



Foam disinfection

P3-topax 990 1 – 3 %, 30 min



Rinse with potable water after disinfection!

*The final step of a cleaning regime is always a thorough water rinse!