



Oxonia™ Active

Peracetic Acid Sanitizer

PRODUCT DESCRIPTION

Oxonia Active is a peracetic acid sanitizer, suitable for both as spray and CIP applications. **Oxonia Active** also finds its use as a sanitizer for the aseptic filling process. Suitable for the Food and Beverage industries.

BENEFITS

- ▲ Particularly effective against all types of microorganisms even in cold water
- ▲ Environmentally – oriented

PROPERTIES

Appearance	: Colorless liquid
Odor	: Pungent
pH (100%)	: 0 – 1
Solubility	: Easily soluble in cold water, hot water
Specific gravity	: 1.112 – 1.126 @ 20°C
Boiling point	: > 100°C
Flash point	: > 100°C
Storage temperature	: Do not store above 40°C

DIRECTIONS FOR USE

For Sanitizing

1. Mix 0.2 – 0.3% w/v **Oxonia Active** (2 – 3 g of **Oxonia Active** per 1 liter of water or 90 – 135 ppm).
2. Circulate, spray or pour on all surfaces to be sanitized, allow contact time at least 1 minute.
3. Rinse with clean potable water.

For Disinfection

1. Mix 0.4 – 1% w/v **Oxonia Active** (4 – 10 g of **Oxonia Active** per 1 liter of water).
2. Circulate, spray or pour on all surfaces to be disinfected, allow contact time at least 10 minutes.
3. Rinse with clean potable water.

For Fogging

1. Prior to fogging, food products and packaging materials must be removed from the room, or carefully protected.
2. Fog desired area with 0.3 – 3.0% w/v **Oxonia Active** (3 – 30 g of **Oxonia Active** per 1 liter of water) per 28.32 m³. Vacate the area for at least 2 hours.
3. Rinse with clean potable water.



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For Sanitizing Bottles

1. Mix 1 – 4% w/v **Oxonia Active** (10 – 40 g of **Oxonia Active** per 1 liter of water).
2. Circulate, spray or pour on all surfaces to be sanitized at 40 – 60°C. Contact time depends on system.
3. Rinse with clean potable water.

Consult your Ecolab Representative for specific use instructions and recommended dispensing equipment.

For cautionary and first aid information, consult the Material Safety Data Sheet (MSDS) or product label.

MATERIAL COMPATIBILITY

Oxonia Active is under the application conditions described below, compatible with

▲ Metals

Aluminium, austenitic CrNi steels (quality at least DIN 1.4301 = AISE 304), tinned iron Mild steel (St 37/2), copper and its alloys and galvanized iron show surface losses which remain within acceptable limits, but the stability of the sanitizing solution is impaired. Short-term exposure is possible. As it is the case with all acidic/oxidative disinfectants, static disinfection should not be carried out due to the risk of pitting corrosion. Static solutions, high chloride content in the batch water and high temperatures favor pitting corrosion.

▲ Plastics (application solution)

PE, PP, rigid PVC, PTFE, PVDF

Higher concentrations and/or other plastic materials should be tested for their suitability in case of need.

▲ Seals

In view of the wide range of different seals, it is advisable to test their suitability in case of need.

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STATEMENT OF ASSURANCE

This product is effective under the intended conditions of use as outlined on the product label or specified in a Sanitation Standard Operating Procedure (SSOP).

SUSTAINABILITY POLICY

We have a commitment to our customers to provide effective programs that help protect the health and safety of their customer and employees. We will sell products or services that maximize performance, limit total environmental impact, and are safe as our customers commonly use them. We will inform our customers of the environmental impacts of our products or services, and of their correct use.

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