



Oxysept Agri

PRODUCT DESCRIPTION

Oxysept Agri is a stabilized peroxyacetic acid sanitiser. It is used to sanitise hard non-porous surfaces of automated milking equipment between cow milking's. The stabilized peroxyacetic acid ensures powerful sanitising properties against a broad range of bacteria.

BENEFITS

Promotes Quality Assurance

- ▲ Enhances finished product quality when used in a total Ecolab product and professional services program
- ▲ Fast, broad spectrum kill. Oxysept Agri demonstrated specific sanitising efficacy against the following bacteria:

| | |
|------------------------|-----------|
| Escherichia coli | NCTC 8196 |
| Proteus vulgaris | NCTC 4635 |
| Pseudomonas aeruginosa | NCTC 6749 |
| Staphylococcus aureus | NCTC 4163 |
| Streptococcus uberis | IFM 320 |

- ▲ Superior sanitising activity in most conditions including ambient water temperatures
- ▲ pH range tolerant – effective sanitising activity at acidic to neutral pH
- ▲ Helps protect processing equipment investment – use solutions compatible with 304, 316 stainless steel and aluminium surfaces when used at recommended concentrations
- ▲ Compatible with most plastic and rubber materials used in processing operations

Saves Time and Money

- ▲ Non-foaming formulation minimises CIP cycle time and improves CIP efficiency
- ▲ Suitable for CIP, spray or soak sanitising applications removing the need for multiple sanitisers.

Environmental Implications

- ▲ Low phosphorus formulation minimises phosphate-related effluent fees
- ▲ Active ingredients rapidly break down after use into water, oxygen and acetic acid

Oxysept Agri

PROPERTIES

| | | | |
|--------------|------------------|------------------|------|
| Form..... | Liquid | Spec. Grav | 1.12 |
| Colour | Clear Colourless | pH (100%) | 1.0 |
| Odour | Pungent | | |
| Foam | Low | | |

DIRECTIONS FOR USE

1. Flush all surfaces with Oxysept Agri at a dilution of 0.50–1.25% (5–12.5mL per litre of water) at ambient temperature for a period of 2 minutes. Post rinse all surfaces with potable water before recommencing milking.

2. Rinse equipment/pipework properly before recommencing use.

A fresh solution of Oxysept Agri should be prepared for each milking period. All surfaces sanitized with Oxysept Agri must be post rinsed with potable water before milking recommences.

The microbiological effectiveness of any program should be determined at each site to confirm appropriate hygiene outcomes are being met.

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

NOTE: This product in its use solutions is compatible with stainless steel and aluminium surfaces. If product is intended to be used on any other surface, it is recommended that you apply product to a smaller test area to determine compatibility before proceeding with its use.

MATERIAL COMPATIBILITY

Metals

In use application solutions are suitable for all stainless steel types (quality at least DIN 1.4301 = AISE 304) and aluminium.

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 (refer to attached table of losses).

As is the case with all acidic/oxidative disinfectants, care should be taken when soak sanitising. High chloride content in the process water and high temperatures can favour pitting corrosion in long-term soak applications.

Corrosion test according to DIN 50905. Surface losses when using Oxysept Agri expressed in g/m² per h at 20°C and 16°d.

| Material | 0.2% | 0.5% | 1.0% |
|----------------------------|------|------|------|
| Aluminium 99.5 | 0.00 | 0.00 | 0.00 |
| Chrome nickel steel 1.4301 | 0.00 | 0.00 | 0.00 |
| Chrome nickel steel 1.4401 | 0.00 | 0.00 | 0.00 |
| Tinned iron | 0.00 | 0.00 | 0.00 |
| Galvanised iron | 0.05 | 0.20 | 0.50 |
| Iron steel 37/2 | 0.70 | 1.10 | 1.60 |
| Copper (discolouration) | 0.05 | 0.10 | 0.50 |

Plastics

In use application solutions are suitable for PE, PP, rigid PVC, PTFE, PVDF and epoxide coatings. Higher concentrations and/or other plastic materials should be tested for their suitability before use.

Seals

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

Oxysept Agri is fragrance and colour free.

SAFETY DIRECTIONS

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

ECOLAB SUSTAINABILITY POLICY

We have a commitment to our customers to provide effective programs that help protect the health and safety of their customers and employees. We will sell products or services that maximise 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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