

# DrySan Oxy Wipes

## Description:

DrySan Oxy Wipes is a ready to use impregnated disinfecting wipe with cleaning properties for manual use in the food and beverage industry

## Product strengths:

- One product for cleaning and disinfection during and after processing
- Excellent performance in dry cleaning environments
- Excellent wetting behaviour
- No rinse-requirement after application
- QAC and alcohol-free formulation
- Kosher and Halal compliant

## Properties

<b>Wipe</b>	<b>Appearance:</b>	wet, non-woven blue wipe
	<b>Wipe material:</b>	Polypropylene
	<b>Wipe size:</b>	250 mm x 190 mm
	<b>Basis weight:</b>	30 g/m <sup>2</sup>
	<b>Storage stability:</b>	5 °C to 25 °C

**Material compatibility:**

**DrySan Oxy** is, under the application conditions compatible with materials available in the F&B industry described as follows.

**Metals**

The material compatibility for standard metals has been tested with the soaking liquid according to standard DIN 50905 at 20°C and for 96 h.

The weight difference has been calculated as g per m<sup>2</sup> per hour.

<b>Material</b>	<b>g/m<sup>2</sup>h</b>
Stainless steel (DIN 1.4301 = AISI 304)	0,000
Aluminium 99,5%	0,002
AlMg3*	0,037
*colour changes may occur	

**DrySan Oxy Wipes** are compatible with stainless steel and aluminium.

When using **DrySan Oxy Wipes** on aluminium alloy color change has been observed.

Please try on an uncritical surface before use.

**DrySan Oxy Wipes** are **not** recommended on his use on copper and its alloys, such as brass.

**Other materials**

The compatibility for standard plastics and sealing materials has been tested according to standard DIN ISO 1817 and DIN EN ISO 175.

**DrySan Oxy Wipes** are compatible with the common plastic and sealing materials such as PVDF, PVC, HDPE, PP, POM, PMMA, EPDM, FKM, HFFKM, NBR.

**DrySan Oxy Wipes** are **not** recommended for PC.

For sensitive materials, after the recommended contact time, any excess amount of liquid should be removed with a dry clean wipe or towel.

In view of the wide range of different materials in use, it is advisable to test suitability as necessary.

# Microbiology

<b>EN 13727 Bactericidal Efficacy – Suspension</b>			
Pass criteria	Test organisms	Temperature	Dirty conditions (3.0 g/L BSA + 3.0 g/L sheep erythrocytes)
>5 log reduction	<b>Bacteria</b> - <i>Staphylococcus aureus</i> - <i>Pseudomonas aeruginosa</i> - <i>Escherichia coli</i> - <i>Enterococcus hirae</i>	20°C	1 min
		10°C	5 min

<b>EN 1650 Yeasticidal efficacy – Suspension</b>			
Pass criteria	Test organisms	Temperature	Dirty conditions (3.0 g/L BSA + 3.0 g/L sheep erythrocytes)
>4 log reduction	<b>Yeast</b> - <i>Candida albicans</i>	20°C	5 min
		10°C	5 min

<b>EN 13697 Bactericidal, Yeasticidal efficacy – Surface</b>			
Pass criteria	Test organisms	Temperature	Dirty conditions (3.0 g/L BSA + 3.0 g/L sheep erythrocytes)
Bactericidal efficacy >4 log reduction	<b>Bacteria</b> - <i>Staphylococcus aureus</i> - <i>Enterococcus hirae</i> - <i>Escherichia coli</i> - <i>Pseudomonas aeruginosa</i> - <i>Salmonella typhimurium</i>	20°C	5 min
		10°C	5 min
Yeasticidal efficacy >3 log reduction	<b>Yeasts</b> - <i>Candida albicans</i>	20°C	5 min
		10°C	5 min

<b>EN 16615 Bactericidal, Yeasticidal efficacy – Surface Wiping</b>			
Pass criteria	Test organisms	Temperature	Dirty conditions (3.0 g/L BSA + 3.0 g/L sheep erythrocytes)
Bactericidal efficacy >5 log reduction	<b>Bacteria</b> - <i>Staphylococcus aureus</i> - <i>Enterococcus hirae</i> - <i>Escherichia coli</i> - <i>Pseudomonas aeruginosa</i> - <i>Salmonella typhimurium</i>	20°C	1 min
		10°C	5 min
Yeasticidal efficacy >4 log reduction	<b>Yeasts</b> - <i>Candida albicans</i>	20°C	1 min
		10°C	5 min

## Conclusion:

The product is effective as a bactericidal (incl. Salmonella) and yeasticidal surface disinfectant at 10-20°C in the food and feed area under dirty conditions, undiluted use, 5 minutes contact time, by wiping / spraying and wiping. **As RTU cleaner and disinfectant, DrySan Oxy Wipes has been evaluated under dirty conditions as worst case scenario.**

# Application

## Areas of use:

**DrySan Oxy Wipes** is a single ready to use impregnated wipe for cleaning and disinfection.

## Cleaning

- Remove residues from the surface by wiping with mechanical action
- Wipe the surface with 3-5 wipes per m<sup>2</sup> for cleaning
- Rinsing with water is not necessary

## Disinfection

- Wipe the cleaned surface with 1-2 wipes per m<sup>2</sup> for disinfection
- Let air dry

## Correct use of wipes

Use a wipe only once

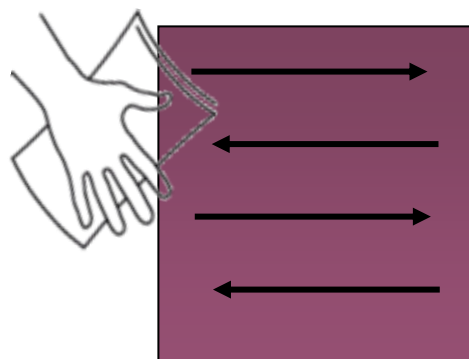
Dispose of wipes immediately after use

Close packaging after use

Do not re-use dried disinfection wipes for soaking liquid from or wiping other surfaces

Use disinfection wipes in 1 direction for a uniform wiping and dispensing effect (see drawing)

**Following the correct procedure will avoid transferring microbes to already cleaned and disinfected areas**



## Safety

The relevant hazards identifications of **DrySan Oxy Wipes** are given in the EC Safety Data Sheet. If any questions arise in this context, please contact your Ecolab representative.

**Although not mandatory it is recommended to use protective equipment to avoid excessive exposure to skin.**

Use product safely. Always read the label and product information before use.

The statements, information and data presented herein are believed to be accurate and reliable. The information describes the characteristic features of **DrySan Oxy Wipes** in ordinary use but cannot be taken as a guarantee, express warranty or implied warranty for the suitability for a particular purpose and shall not extend mandatory warranty rights (if any). The specifications and performance may vary subject to the operational conditions. Since numerous parameters will influence product performance and applicability, this information does not exonerate the user from liability with respect to the suitability of the product and the appropriate safety measures to be taken. Moreover, a possible infringement of patent rights must be avoided at all times.

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