

Alcodes GF

Description:

Alcodes GF is an ethanol based ready to use spray disinfectant designed for use in production areas in the food and beverage industry

Product strengths:

- Suitable for corrosion-/water sensitive surfaces
- Good wetting properties
- No rinse requirements after application
- Rapid air drying

Properties

Concentrate

Appearance:	clear, colourless liquid *
Storage stability:	-5 to 30 °C
Solubility:	at 20 °C miscible with water in any proportion
Density:	0.85-0.89 g/cm ³ *
P content:	0.00 %
N content:	0.00 %
COD:	1170 - 1210 mg O ₂ /g
Flash point:	21 °C
pH:	7.0 - 8.0 *
Foam characteristics:	non foaming

* Parameters subject to incoming goods control

Material compatibility

Alcodes GF is, under the application conditions, compatible with materials available in the F&B industry described as follows.

Metals

Alcodes GF is compatible with common metals like stainless steel, zinc galvanised mild steel, aluminium and aluminium alloys, copper and brass.

In case of doubt, please try on an uncritical surface before use.

Other materials

Alcodes GF is compatible with the common plastic and sealing materials such as PVDF, PVC, HDPE, PP, POM, EPDM, FKM, HFFKM, NBR.

The compatibility of **Alcodes GF** with PC is limited. Normal conditions of surface application should result in little, if any, significant interaction. However, slight stress cracking can occur in case there is tension in the material. In case of doubt, please try on an uncritical surface before use.

Alcodes GF is not recommended for PMMA.

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

Microbiology

EN 1276 Bactericidal Efficacy			
Pass criteria >5 log reduction	Test organisms	Temperature	Clean conditions (0.03% BSA)
	<i>- Staphylococcus aureus</i> (ATCC 6538) <i>- Pseudomonas aeruginosa</i> (ATCC 15442) <i>- Escherichia coli</i> (ATCC 10536) <i>- Enterococcus hirae</i> (ATCC 10541)	10°C	RTU 5min
		20°C	RTU 5min

EN 1650 Fungicidal Efficacy			
Pass criteria >4 log reduction	Test organisms	Temperature	Clean conditions (0.03% BSA)
	Yeast <i>- Candida albicans</i> (DSM 1386)	10°C	RTU 5min.
		20°C	RTU 5min
	Fungi <i>- Aspergillus brasiliensis</i> (ATCC 16404)	20°C	RTU 15 m

EN 13697 Bactericidal and Fungicidal Efficacy			
	Test organisms	Temperature	Clean conditions (0.03% BSA)
Pass criteria Bactericidal efficacy >4 log reduction Fungicidal efficacy >3 log reduction	-Bacteria <i>Staphylococcus aureus</i> (DSM 799) - <i>Enterococcus hirae</i> (DSM 3320) - <i>Escherichia coli</i> (DSM 682) - <i>Pseudomonas aeruginosa</i> (DSM 939)	10°C	RTU 5min.
		20°C	RTU 5min
	Yeasts - <i>Candida albicans</i> (DSM 1386)	10°C	RTU 5min.
		20°C	RTU 5 min
	Fungi - <i>Aspergillus brasiliensis</i> (ATCC 16404)	20°C	RTU 15min

EN 14476 Viricidal efficacy			
	Test organisms	Temperature	Clean conditions (0.03% BSA)
Pass criteria >4 log reduction	<i>Virus (limited spectrum)</i> - <i>Adenovirus</i> , Type 5, strain Adenoid 75 - <i>Murine Noro Virus</i> , S-99, Berlin	20°C	RTU 5min.
		10°C	RTU 5min
	<i>Virus (Enveloped)</i> <i>Vaccinia virus</i> , strain Elstree	20°C	RTU 30sec

Application

Typical applications are:

Alcodes GF is especially suitable for corrosion sensitive surfaces, which cannot be treated with aqueous disinfecting solutions. After thorough cleaning of the surfaces to be disinfected, **Alcodes GF** is sprayed undiluted for (intermittent) disinfection, e. g. at cutting or packaging machines and in the filling area.

- Spraying distance to surface: 0.30 m
- Recommended dosage: 40 - 50 ml/m²
- Contact time: 5 min
- Make sure that the surface is wet during the contact time. If necessary, apply more **Alcodes GF** accordingly.

Important indications!

- Effluent, containing chemicals, must only be discharged according to the local regulations
- Chemicals containing effluent must only be discharged into the biological treatment station after passing the neutralization- and buffer tank
- When discharging chemically polluted effluent, it is essential to pay specific attention to the bacteria toxicity of this water. This is especially important when dealing with biocide containing effluents and anaerobic sewage plants
- In case of doubt please seek advice from our technical service

Safety

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

Use biocides 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 **Alcodes GF** 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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