

TECHNICAL DATA SHEET

LACIP® GEL

Application field

Liquid cleaner – disinfectant for utensils and surfaces for food and beverage industries and private - public areas.

Physico-chemical characteristics

Appearance	: Clear, orange liquid
Density (20 °C)	: 1,004 g/m ³ at 20 °C
pH (as used, 20 °C)	: 6,78
Disinfectant active substance	: alkyldimethylbenzyl ammonium chloride
Inactive ingredients	: Non-ionic surfactants, amphoteric surfactants, polycarboxylates, mixture of aromatic substances

Application areas

LACIP GEL is a liquid cleaner – disinfectant for utensils and surfaces for food and beverage industries and private - public areas. The disinfectant action against bacteria, fungi, salmonella and listeria is due to the presence of quaternary ammonium compounds (benzalkoniumchloride).

Properties - advantages

It cleanses in depth and disinfects at the same time.

Effective in a wide range of micro-organisms

Method of implementation in the food and beverage industries

Cleaning and disinfecting of utensils

Dissolve 25g of product at 1L water (contained 250 ppm of the active substance).

Allow product to act for 5 minutes, rub the hard dirt and rinse the utensils with water free of micro-organisms.

Cleaning and disinfecting of surfaces

Dissolve 25g of product at 1L water (contained 250 ppm of the active substance). Apply the solution to the surface using a clean cloth or sponge and let the product act for 5 minutes. Rinse the surfaces with water free of micro-organisms. If the surfaces have not been cleaned before, dissolve 125g in 1L water.

Bactericidal action

According to the EN 1040 standard, the concentration of application and action time of LACIP GEL, when the surfaces to be disinfected are clean, are:

Type of microorganisms	Time of action in min	Temperature	(%)
			For clean surfaces
Staphylococcus aureus	5	20 °C	2,50
Pseudomonas aeruginosa	5	20 °C	2,50

According to the EN 1276 standard, the concentration of application and action time of LACIP GEL, when the surfaces to be disinfected are contaminated with organisms, are:

Type of microorganisms	Time of action in min		(%)
		Temperature	For surfaces that are not clean
Staphylococcus aureus	5	20 °C	12,50
Pseudomonas aeruginosa	5	20 °C	12,50
Enterococcus hirae	5	20 °C	12,50
Escherichia coli	5	20 °C	12,50

Fungicide action

According to the EN 1650 standard, the concentration of application and action time of LACIP GEL, when the surfaces to be disinfected are contaminated with organisms, are:

Type of microorganisms	Time of action in min		(%)
		Temperature	For clean surfaces
Candida albicans	15	20 °C	80

Product use is allowed only for units equipped with biological and chemical cleaning. After leakage or spillage of concentrated product, use absorbent material and flush away residues with water. Avoid release of product into the groundwater or the drainage system. For inactivation use sodium sulfite or other neutralizing formulation.

Users

Professional users and the general public