

## TECHNICAL DATA SHEET DECUTEC DISINFECTANT

Tradename:	DECUTEC disinfectant	
Active agents:	Copper nanoparticles Quaternary ammonium surfactant	
Formula type:	Aqueous suspension	
Composition:	Cetrimide:	N° CAS 57-09-0 Concentration: 1.75 g/L Function: tensioactive agent
	Copper nanoparticles:	N° CAS 7440-50-8 Concentration: 2.5 ppm Function: antimicrobial
	Water:	N° CAS 7732-18-5 Function: solvent
Characteristics:	<p>Multipurpose liquid disinfectant. Amber color due to copper nanoparticles, neutral pH. Formulated based on cationic surfactant and copper nanoparticles. Disinfects, degreases, cleans, sanitizes and deodorizes surfaces with prolonged action.</p> <p>Removes visible dirt and leaves a residual effect due to the action of copper nanoparticles deposited on surfaces. Its mode of action and ability to remove organic matter from all types of surfaces and equipment in the food industry allows it to act effectively as a disinfectant.</p> <p>Eliminates 99.9% of microorganisms. Proven antimicrobial action against bacteria, viruses and fungi (Bacteria: <b><i>Salmonella enterica</i></b> ATCC 13076, <b><i>Listeria monocytogenes</i></b> ATCC 35152 and ATCC 19114, <b><i>Enterococcus hirae</i></b> ATCC 10541, <b><i>Staphylococcus aureus</i></b> ATCC 6538 and ATCC 25923, <b><i>Pseudomonas aeruginosa</i></b> ATCC 15442 and ATCC 27853, <b><i>Escherichia coli</i></b> k12 NCTC 10538 and ATCC 25922, <b><i>Bacillus cereus</i></b>, <b><i>Staphylococcus epidermidis</i></b>. Viruses: <b><i>Vacciniavirus</i></b></p>	



ATCC-VR-1508, **Adenovirus** 75 ATCC VR-5. Fungi: **Candida albicans** ATCC 10231 and ATCC 90028, **Aspergillus niger** ATCC 16404).

Indications of use:

General disinfection of all types of surfaces such as floors, tiles, glass, metals, woods, plastics, leather, rubbers, textiles, etc.

Specifically indicated to be used on surfaces and equipment in the food industry due to its high degreasing power, as a cleaning and deodorizing agent for treated surfaces.

It is indicated for external use in food industry machinery, work surfaces, high-use counters for operators, garbage and waste areas, refrigeration rooms, fermentation, maintenance and freezing, food transfer vehicles, containers, materials, etc. It can also be used in dressing rooms, bathrooms, showers, sinks, toilets, mirrors, dispensers of paper, soap or alcohol gel on the outer surface.

Mode of use:

Do not dilute, apply directly from the container using a cloth, mop, spray, steam engine or sprinkler. Leave to act for 5 minutes. No rinsing is required if the surface is not in contact with foods.

Use in all named areas must be in accordance with usage warnings and applications. It is advisable to start using the product in high areas such as ceilings and walls and finish in low areas such as counters and floors. In rough areas, corners or places that are more difficult to clean, it is recommended to spray or scrub with cloths, brushes, sponges, etc.

Risks and toxicity:

Class IV: unlikely danger in normal use  
According to WHO-EPA toxicological category

ISP health registry:

N° D-1039/20  
Registration of pesticide for sanitary and domestic use  
Decutec multipurpose disinfectant solution