

TECHNICAL DATASHEET no. 440

AZUR ALL CLEAN-DISINFECTANT SOLUTION FOR SOLID SURFACES

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PRODUCT DESCRIPTION: AZUR ALL CLEAN surface disinfectant solution is an aqueous solution based on benzalkonium chloride. The product has a high efficacy against bacteria: *Pseudomonas aeruginosa*, *Escherichia coli*, *Staphylococcus aureus*, *Enterococcus hirae*, *Salmonella typhimurium*.

TYPICAL USES: it is used as an antimicrobial agent in sectors such as animal husbandry, food industry or household. It is recommended for disinfection of interior and exterior surfaces: ceramic sanitary ware, equipment (which does not come into direct contact with food), furniture, floors, access stairs, offices, pedestrian alleys, public roads, playgrounds. It is a disinfectant product that is not intended for direct application to human and animal skin.

CHARACTERISTICS:

- Approved by the Ministry of Health-National Commission for Biocidal Products No. 4976BIO/02/12.24
- Active disinfection
- High efficacy against bacteria
- Effective action in 5 minutes

COMPOSITION

Crt. No.	Composition	Concentration, %
1	Alkyl dimethylbenzylammonium chloride, CAS 68424-85-1	0,04
2	Demineralized water	99,96

TECHNICAL CHARACTERISTICS:

Crt. No.	Characteristics	UM	Values	Analysis method
Product characteristics				
1.	Appearance	-	homogeneous liquid	visually
2.	Color		colorless to slightly yellowish	visually
3.	Odour		characteristic	
4.	pH, la 20°C	-	7±1	STAS 8619/3
5.	Density, at 20°C	g/cm ³	0,98±0,02	-
6.	Solubility in water		soluble	
7.	Biodegradability, % min.		90	

APPLICATION METHOD:

Product preparation:

The product must be conditioned at 10-30°C and homogenized. The recommended ambient temperature is 10 - 30°C. The product should be applied at temperatures above 5°C.

Preparation of the support and application:

It is used as it is (undiluted). The coarse dirt is removed, then the undiluted product is sprayed on the surface to be disinfected. Let it work.



EFICACITY

Activity	Usage by	Concentration	Action time
Bactericidal	Spraying, dispersion	Undiluted	5 minutes

Cleaning application equipment: washing with water, before and after use.

EFFICIENCY TESTS:

Conditions:

- Support: hard water
- Concentration: 0.04%
- Contact time: 5 min ± 10 sec
- Interference substance: 3.0 g / L bovine albumin
- Incubation temperature: 37°C + 1°C
- Identification of bacterial strains used:
 - Pseudomonas aeruginosa ATCC15442
 - Escherichia coli NCTC 10418
 - Staphylococcus aureus NCTC 6571
 - Enterococcus hirae ATCC 8043
 - Salmonella typhimurium NCTC 12023

Conclusion: According to EN1276, the disinfectant AZUR ALL CLEAN has bactericidal activity in 5 minutes at 20 ° C in dirty conditions (3.0 g / L bovine albumin) for the above mentioned strains.

AVERAGE SPECIFIC CONSUMPTIONS: Consumption varies depending on the nature of the surface. The exact value of consumption is determined by tests.

PACKING:

- In plastic packaging of 1 L, 5 L, 10 L.

STORAGE:

- In clean, airy, safe spaces, at temperatures between 5-30°C. Do not store below 5°C as the product may be damaged.

TRANSPORT:

- With means of transport that do not allow the product to be exposed to solar radiation and bad weather conditions.
- Avoid transporting the product at temperatures lower than 5°C or higher than 40°C.

OCCUPATIONAL HEALTH AND SAFETY MEASURES:

The product is not harmful to human health. Specific measures will be taken for the activity with chemicals (protective equipment).

The information regarding the users health and safety of this product can be found in the safety data sheet.

TERMS OF VALIDITY:

12 months, in compliance with the storage and preservation conditions.

NOTE:

This technical information is provided in order to obtain the best results. Any deviation from the application conditions, surface preparation, application technique may produce different results. In these conditions it is necessary to test the product in its conditions of application of the beneficiary as well as to request the support of our specialists. The recommendations and information regarding the products are valid only when they are stored, handled, applied and operated in accordance with the Azur Product Data Sheet.



Our products are manufactured in accordance with the Integrated Quality-Environment-Health Management System and Safety at work ISO 9001: 2015, ISO 14001: 2015 and ISO 45001: 2018.

This edition replaces all the previous ones. It is the customer's responsibility to consult and comply with the latest version of the Product Data Sheet, a copy of which is delivered on request.