

ERGOSAN PROFUMATO

BASED ON QUATERNARY AMMONIUM SALTS
Deodorant disinfectant with cleaning power for hard surfaces. MEDICAL
SURGICAL DEVICE

Registration of the Ministry of Health n ° 18129

PROPERTY:

THE HIGH CONCENTRATION OF QUATERNARY AMMONIUM SALTS MAKES **ERGOSAN PROFUMATO** PARTICULARLY INDICATED IN CLEANING OPERATIONS WHERE, IN ADDITION TO A DETERGENT ACTION, AN EFFECTIVE DISINFECTANT ACTION IS REQUIRED.

THE PLEASANT PERFUME MAKES PARTICULARLY SUITABLE THE USE OF **ERGOSAN PROFUMATO** IN CLOSED AND SMELLY ENVIRONMENTS. THE HIGH CONTENT OF QUATERNARY AMMONIUM SALTS DEODORIZES THE ENVIRONMENTS AND SURFACES BLOCKING THE BACTERIAL FERMENTATIONS.

POSSIBLE PERFUMES:

LIGHT, LEMON, MENTHOLATED PINE TREE

USE AND DOSES:

FOR SPRAY OR IMMERSION TREATMENTS, PREPARE A 1% SOLUTION, LEAVING TO ACT FOR AT LEAST 15 MINUTES.
1 LITER OF 1% NEBULIZED SOLUTION COVERS FROM 20 TO 50 SQUARE METERS OF SURFACE.

CHEMICAL AND PHYSICAL PROPERTIES:

APPEARANCE : LIQUID
SMELL : SPECIFIC
SOLVENT SOLUTION IN WATER: COMPLETE
pH of the PRODUCT AS IS: 7 - 8
pH of the solution 1% : 7 - 8
SPECIFIC WEIGHT AT 25 ° C: 1.00 +/- 0.02 Kg / l

WARNINGS AND POTENTIAL HAZARDS:

THE PRODUCT IS IRRITANT AND DANGEROUS
FOR THE ENVIRONMENT

THE HAZARD INDICATIONS AND THE CAUTION ADVICE CAN BE CONSULTED ON THE SAFETY DATA SHEET AVAILABLE ALSO ON: CAT.BARCHEMICALS.IT

THE PREPARATION IS NOTIFIED TO THE "DANGEROUS PRODUCTS ARCHIVE" DATABASE OF THE ITALIAN "ISTITUTO SUPERIORE DI SANITA'"

IT DOES NOT CONTAIN PHOSPHORUS

EXPOSURE CONTROL / PERSONAL PROTECTION:

RESPIRATORY PROTECTION: NOT NECESSARY DURING NORMAL USE

EYE PROTECTION: NOT NECESSARY DURING NORMAL USE.

HANDLING AND STORAGE:

STORAGE AT ROOM TEMPERATURE AND WITHOUT DIRECT LIGHT.

FIRST AID MEASURES:

EYES: WASH IMMEDIATELY AND WITH PLENTY OF CURRENT WATER KEEPING THE EYES OPEN.

IN CASE OF EMERGENCY CALL A PHYSICIAN.

INGESTION: RINSE THE MOUTH WITH PLENTY OF WATER AND ALSO DRINK WATER.

IN CASE OF EMERGENCY CALL A PHYSICIAN.

COMPOSITION:

100 GRAMS OF PRODUCT CONTAIN:
PURE ALCHYLDIBENZYLAMMONIUM CHLORIDE 10 g
PERFUME 3 g
DEIONIZED WATER Q.B. 100 g

IT CONTAINS NOT IONIC AND CATIONIC SURFACTANTS
BIODEGRADABLE OVER 90 %

PACKAGING:

SACHETS, BLISTERS, BOTTLES: 1, 2, 5, 10, 20, 25, 50, 100 ML
BOTTLES: 500 ml, 1 liter, 2 liters, 3 liters
AND FOR PROFESSIONAL USE ONLY ALSO 5, 10, 15, 20, 25, 30, 50 LITER CAN

TRANSPORT INFORMATION:

ROAD TRANSPORT UN 3082 ENVIRONMENTALLY
HAZARDOUS SUBSTANCE (BENZALCONIUM CHLORIDE),
LIQUID, N.A.S. 9, III ADR



BACTERICIDE ACTIVITY

STUDIES CARRIED OUT IN ACCREDITATED LABORATORIES HAVE SHOWED THAT THE PRODUCT IS AN EFFECTIVE BACTERICIDE ACCORDING TO THE FOLLOWING INDICATIONS:

1. BACTERICIDE ON SURFACES AT 0.5% CONCENTRATIONS FOR A CONTACT TIME OF 5' IN PRESENCE OF INTERFERENTS (TEST PERFORMED ON KNOWN STRAINS OF PSEUDOMONAS AERUGINOSA ATCC15442, ESCHERICHIA COLI ATCC10536, STAPHYLOCOCCUS AUREUS ATCC6538P / TC / 216 / WG63 METHOD)
2. INTRINSIC BACTERICIDAL ACTIVITY AT CONCENTRATIONS OF 0.5% FOR A CONTACT TIME OF 5' WITHOUT INTERFERENTS. (TEST PERFORMED ON KNOWN STRAINS OF STAPHYLOCOCCUS AUREUS ATCC6538P AND PSEUDOMONAS AERUGINOSA ATCC15442 ACCORDING TO CEN / TC / 216 / HWG81 METHOD)
3. BACTERICIDAL ACTIVITY SURFACE TEST: THE PRODUCT HAS BEEN EFFECTIVE AT CONCENTRATIONS OF 4-6% DEPENDING ON THE STRAIN USED WITH A CONTACT TIME OF 5'. (TEST PERFORMED ON KNOWN STRAINS OF PSEUDOMONAS AERUGINOSA ATCC15442, STAPHYLOCOCCUS AUREUS ATCC6538, ENTEROCOCCUS FAECIUM ATCC10541, ESCHERICHIA COLI ATCC11229 AND PROTEUS MIRABILIS ATCC14153)
4. VIRUCIDAL ACTIVITY: TEST EN 14476 EN 16777 IN PROGRESS.

ACCORDING TO THE SCIENTIFIC STUDIES ON THE ACTIVE INGREDIENT OF **ERGOSAN PROFUMATO** (BENZALCONIUM CHLORIDE C12 - C18) SHOWS ACTIVITY IN CONCENTRATIONS BETWEEN 0.05 AND 0.2% CORRESPONDING TO CONCENTRATIONS AMONG 0.5 AND 2% OF **ERGOSAN PROFUMATO**

5. IRRITANT POWER: ON THE BASIS OF THE LABORATORY TESTS PERFORMED, **ERGOSAN PROFUMATO** PRODUCT HAS BEEN NON-IRRITATING AND IN LINE WITH DIRECTIVE CEE / 92/69.
6. STABILITY. ON THE BASIS OF THE TESTS CARRIED OUT INTERNALLY AND APPROVED BY THE MINISTRY OF HEALTH, THE PRODUCT HAS A STABILITY NOT LESS THAN 24 MONTHS.

BIBLIOGRAPHICAL REFERENCES

- Authorization decree for the Medical Surgical Unit n° 18129 of 13/02/1997
- CEN TC 216 / HWG / TG Surfaces N° 8- Chemical Disinfectants Surface Test Method
- CEN- European Committee for standardization- CEN / TC 216 / hgw N° 81 "Chemical disinfectants and antiseptics- Basic bactericidal activity- Test method and requirement"
- Organization for economic co-operations and development, ISBN 92-64-12367-9
- United States Food and Drug Administration, Title 21 Code of Federal Regulations Part 58, Federal Register 22 December 1978
- Ministerial Decree of 26 June 1986 "Application of the principles of good laboratory practices on chemical substances and criteria for the issue of authorizations provided for by Presidential Decree No. 927/81 art. 6"
- Legislative Decree 27 January 1992, n° 120 "Implementation of the community directives n° 88/320 / CEE and n° 90/18 / CEE regarding inspection and verification of good laboratory practice"
- ISS Biocides COVID-19 working group. Interim recommendations on disinfectants in the current COVID-19 emergency: medical-surgical devices and biocides. Version of April 25, 2020. Rome: Istituto Superiore di Sanità; 2020. (ISS COVID-19 Report, no. 19/2020).
- ISS Infection Prevention and Control Working Group COVID-19. Interim indications for the sanitization of internal environments in the healthcare and assistance context to prevent the transmission of SARS-CoV 2. Version of May 14, 2020. Rome: Istituto Superiore di Sanità; 2020. (ISS COVID-19 Report, No. 20/2020 Rev.).
- Cleaning and Disinfection for Households Interim Recommendations for U.S. Households with Suspected or Confirmed Coronavirus Disease 2019 (COVID-19) Center for disease control and prevention
- ISO 14476: 2019 EU. Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of virucidal activity in the medical area - Test method and requirements (Phase 2 / Step 1). Geneva: International Organization for Standardization; 2019.
- World Health Organization, Guide to Local Production: WHO-recommended Handrub Formulations. Geneva: WHO; 2010. https://www.who.int/gpsc/5may/Guide_to_Local_Production.pdf
- WORLD ALLIANCE FOR PATIENT SAFETY "WHO guidelines on hand hygiene in healthcare"
- Journal of Hospital Infection (2005) 61, 107–111 "Efficacy of various disinfectants against SARS coronavirus"
- ECDIN - Environmental Chemicals Data and Information Network - Joint Research Center, Commission of the European Communities
- Istituto Superiore di Sanità - National Chemical Substances Database

