

Technical data sheet

Description

Q4 PLUS[®] is specialized high Level disinfectant that based on blend of the latest dodecylamine and quaternary ammonium compounds.

Q4 PLUS[®] is aldehyde-free formula without perfume, dye and non-oxidizing biocide; that is highly effective as a cleaner and terminal high level disinfectant (HLD) against bacteria, spores, fungi and viruses. It does not simply render the microorganisms inert but has been demonstrated to kill these by disrupting the RNA of the microorganisms.

Q4 PLUS[®] is suited for cleaning and disinfection of hard surfaces, equipment, walls, floors, glasswork and contaminated laundry, medical and surgical instrumentation.

Q4 PLUS[®] compatible to EN14476, EN 13697, EN 1276 tests as for virucidal efficacy, bactericidal efficacy and yeasticidal efficacy.

Application

Fields of application

- In the pharmaceutical and cosmetics industries.
- In large animal farms, animal laboratories, pet shops and poultry farms.
- Medical facilities including: hospitals, clinics, nursing homes.
- Non-food areas of food-processing plants and restaurants & in the food industry and in professional kitchens as well as surfaces and equipment that do not come into contact with food.
- Businesses and office buildings, hotels, motels, athletic facilities, schools, barber shops, locker rooms.
- Also used for shoe sole hygiene in brush washing systems as well as disinfecting mats.
- Our application instructions both oral and written are based on a number of tests. Our advice is given to the best of our existing knowledge but is not binding insofar as the product application and the storage conditions lie beyond our direct control.
- Prior to sanitization, remove gross particulate matter with water flush, then wash equipment with detergent anti-foam or cleaning solution and follow with a potable water rinse.
- The amount of water to be added is calculated by subtracting the requisite amount of concentrated formula from the desired solution.

Benefits

- Maintains high efficacy also in presence of heavy organic soiling, such as blood and protein.
- Effective against many pathogenic organisms including spore-forming microorganisms.
- Antimicrobial efficacy is complimented by its short contact times.
- Has been thoroughly tested by independent laboratories and demonstrated to be effective against (Staphylococcus aureus, Escherichia co, Aspergillus flavus and Salmonella pullorum).
- Components compatible with a wide range of fabrics, rubbers, plastics and hard surface materials when diluted to normal working strength.
- Cleaning action without the addition of detergents.

Properties

FORM	Clear liquid
ODOUR	Pungent odor
pH	Alkaline formula

Shelf life

Three years when in unopened containers.

Storage

Store in original closed containers or (where applicable) in approved bulk tank, away from sunlight and extremes of temperature.

Package

Available in 5-10-20-25 L Gallon.

Disinfecting activity

General disinfection - virucidal	1-2% 10-20 min
Bactericidal- Yeasticidal	3-5% 5-10 min
Sporicidal	7-10% 5-10 min



