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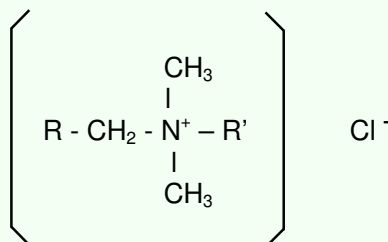
APROVADO

Dep. Qualidade

TETRANYL® BC-80

- Cationic Surfactant
- Disinfectant
- According to European Biocide Product Directive 98/8/EC (PBD)

CHEMICAL IDENTIFICATION



R' = C12,14,16

R = ∅ (benzyl)

INCI Name : Benzalkonium Chloride

CAS Number : 68424-85-1

TECHNICAL SPECIFICATION

		Kao Method
APPEARANCE (20°C) :	Viscous transparent liquid	KCSA-258
COLOUR (Apha, 50% in water) :	150 max.	KCSA-207
ACTIVE MATTER (% , Ew=357) :	79 - 81	KCSA-003
RESIDUAL AMINE VALUE (mg KOH/g) :	4 max.	KCSA-143
pH (5% in water) :	7.0 - 8.5	KCSA-014



TETRANYL® BC-80

TYPICAL CHARACTERISTICS

ODOUR :	Characteristic
DENSITY (20°C, g/mL, "spot") :	0.965
VISCOSITY (20°C, cPs) :	1000 max.
SOLVENTS :	Water + Isopropyl Alcohol
FLASH POINT (°C) :	35 approx.
CHARACTER :	Cationic

APPLICATION PROPERTIES

- Due to its cationic character, TETRANYL® BC-80 is not compatible with soaps or anionic surfactants.
- TETRANYL® BC-80 can be used as disinfecting agent for different detergent applications.

Disinfecting application (Minimal Bactericide Concentration) :

Strain	MBC
<i>Staphylococcus aureus</i> ATCC 6538	< 12 ppm
<i>Candida albicans</i> ATCC 10231	< 12 ppm
<i>Pseudomonas aeruginosa</i> ATCC 15442	50 - 100 ppm
<i>Escherichia coli</i> ATCC 10536	< 12 ppm
<i>Enterococcus hirae</i> ATCC 10541	< 12 ppm
<i>Salmonella choleraesuis</i> ATCC 4161	< 12 ppm
<i>Aspergillus niger</i> ATCC 16404	< 12 ppm

STORAGE – HANDLING – SHELF LIFE

- TETRANYL® BC-80 is chemically stable for a long period of time under appropriate storage conditions (temperature of 25°C and original unopened container).
- In the case of long storage time, it is advisable to homogenize the product before its use, especially if it has been submitted to low temperatures. Small changes in the appearance can be easily recovered by applying a moderate agitation at 25-30°C. A general advice is to use the complete container every time.



TETRANYL® BC-80

...STORAGE AND HANDLING

- The shelf life of TETRANYL® BC-80 can be considered of 2 years minimum under proper storage conditions. After longer storage time some of its characterising parameters (odour, appearance, colour ,pH,...), should be checked before using it.
- For safety reasons, TETRANYL® BC-80 must be stored in areas with good ventilation and conditioned for flammable products.
- Storage temperature must be always below 35°C.

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