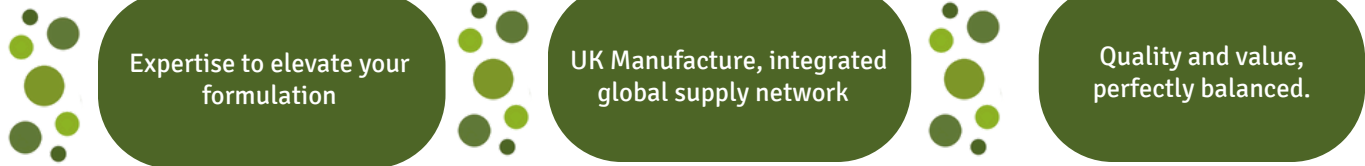


CasaPro BKC

(50% Benzalkonium Chloride)



Product Description

CasaPro BKC (Benzalkonium Chloride) is an anionic surfactant, widely used in consumer products contained in laundry detergents, household detergents, shampoo, hand cleaner and others. This grade is intended for non-cGMP, non-sterile applications only.

It is the responsibility of the end-user to review the chemical control regulations for each country.

Applications

Antibacterial soaps/handwash	Shampoos/Conditioners
Deodorants/Anti-perspirants	Scalp Care
Cosmetics	Make-up
Creams and Lotions	Disinfectants
Hard Surface Cleaners	Surface Wipes
Dish Wash	Animal Care
Surface Disinfection	Athletes Foot
Exipient	Topical

Features and Benefits

- UK Manufacture.
- Consistent quality across every batch.
- Flexible supply chain for both small and large customers.
- Technical support for compatibility and efficacy optimisation.
- Over 40 Years' experience in the production of anti-microbial preservatives and APIs to cGMP standards.
- Thomas Swan can provide and supply pre-formulated Casamed™ BKC in different formats, specifically for liquids, wipes, sprays, and foams, for convenient and easy use.
- Global network of sales offices, direct logistics and US and UK formulating production centres ensuring security of supply and short lead times from stock.



Committed to Responsible Care



CasaPro BKC (Benzalkonium Chloride)

Physical and Chemical Properties

CAS Number	8001-54-5
Physical Properties	Clear Liquid
Colour (APHA)	200 Max
% Active	50%
Density	0.98 g/cm ³ @ 20C°
pH (1% aqueous solution)	6.2 - 7.0
Viscosity	~300 mPa.s @ 20C

Mode of Action

- Disrupts microbial cell membranes by binding to phospholipids.
- Causes leakage of cell components and metabolic inhibition.
- Effective against Gram-positive and Gram-negative bacteria, yeasts, molds, and some viruses.

Guidelines for use

Use levels: typically 0.05% – 0.5%, depending on application.

Formulation notes:

- Stable in pH 4–10.
- Inactivated by strong anionic surfactants.
- Solubilize properly in aqueous systems for clear solutions.

Safety: Generally mild at recommended levels; avoid excessive use to limit skin irritation.

Packaging

Standard packaging (other packaging available on request) for CasaPro BKC is:

- 20kg/55-gallon drum
- 1000kg IBC/275-gallon drum

Handling

Consult relevant Safety Data Sheet.

Shelf Life

One year from date of manufacture.

Inventory Status:

Australia (AICS)	Listed	✓	New Zealand	Listed	✓
Canada (DSL)	Listed	✓	Philippines (PICCS)	Listed	✓
China (IECSC)	Listed	✓	Taiwan (TCSI)	Listed	✓
Japan (ENCS)	Listed	✓	Thailand (TDCA)	Listed	✓
Korea (MEO/ECL/AREC)	Listed	✓	UK/EU (REACH) US	Registered	✓
Malaysia (EHSNR)	Listed	✓	(TSCA/FDA)	Listed	✓
Mexico (INSQ)	Listed	✓	Vietnam (VNECI)	Listed	✓

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