

Cosmocil CQ is a cationic preservative, originally formulated for contact lens solutions and eye care products. Cosmocil CQ is a gentle, non-irritating preservative that used in the correct type of formulation works very well. It's not a "strong" preservative and is not suited to all formulations. Cosmocil CQ is not robust enough on its own to stand up to long-term products that require hands to be inserted into the product repeatedly. Cosmocil CQ is more suited for closed delivery system products, such as disk top, dispenser top, or pump top. Since Cosmocil CQ is cationic, you will not have any formulating issues using it with cationic emulsifying conditioners such as BTMS, OCS (One Step Conditioner), or CR (Crème Rinse Concentrate). Cosmocil CQ 's effectiveness is complimented by the natural tendency of these quaternary conditioners to inhibit mold and bacteria growth.

PROS & CON: Cosmocil CQ is cationic, making it have a more limited scope of compatibility. You will need to make sure that the ingredients you are formulating with can work with Cosmocil CQ. Most surfactant systems are anionic and can not be used with cationic ingredients. Cosmocil CQ is are more costly preservative option.

Cosmocil CQ is paraben free and is also not a formaldehyde donor.

Cosmocil CQ is a good choice preservative choice for watery products such as room or body sprays. Cosmocil CQ is very active against bacteria, but not as effective against yeast and mold spores. You can include the addition of about 0.1 – 0.2% potassium sorbate to your formula to reinforce your product against the yeast and mold in watery products when using Cosmocil CQ.