

# Active Fresh Anticavity Fluoride Mouthwash

MC22-63\_8B

Menthol Cosmospheres® add a burst of freshness to this structured mouthwash.



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Ingredients	INCI Nomenclature	Suppliers	% w / w
<b>A</b> DI-Water	Water (Aqua)	---	40.00
<b>B</b> Kelcogel CG-LA Xanthan Gum	Gellan Gum Xanthan Gum	CP Kelco Evident Ingredients	0.075 0.070
<b>C</b> Trisodium Citrate Dihydrate Sodium Fluoride USP	Sodium Citrate Sodium Fluoride	---	0.700 0.050
<b>D</b> DI-Water GLE Organic Glycerin Lauryl Glucoside Stevia RA 98%	Water (Aqua) Glycerin Lauryl Glucoside Stevia Rebaudiana Leaf Extract	---	qs 12.000 1.000 0.020
<b>E</b> Propanediol Peppermint Oil Lipocol® HCO-40 Natural Benzyl Alcohol	Propanediol Mentha Piperita (Peppermint) Oil PEG-40 Hydrogenated Castor Oil Benzyl Alcohol	---	7.000 0.100 0.500 0.300
<b>F</b> Cosmospheres® WLI-M	Mannitol, Microcrystalline Cellulose, Menthol, Propylene Glycol	Omya, Inc.	1.000
<b>G</b> Citric Acid (50% solution)	Citric Acid	---	qs

100.00

### Procedure

1. Add Phase A water and begin propeller mixing while heating to 80-85°C.
2. Preblend Phase B powders and slowly add to Phase A. Continue mixing for 5-10 minutes until smooth and uniform.
3. Continue mixing and slowly add Phase C ingredients in batch card order, mix until clear and uniform.
4. Stop mixing and allow batch to cool to room temperature. (should have gelatin-like consistency when fully set and cooled)
5. In a separate side kettle weigh out water of Phase D and begin mixing with propeller blade.
6. Add remaining Phase D ingredients in batch card list, mix until clear and uniform.
7. In another side vessel preblend Phase E, mix until uniform.
8. Once Phase E preblend is uniform slowly add to Phase D, mix until clear and uniform.
9. Combine both phases by adding Phase DE to Phase AB without mixing.
10. Once combined begin mixing under overhead mixer with medium speed propeller agitation for 60 minutes until homogeneous and smooth. Adjust mixing speed to avoid excessive aeration or foam.
11. Homogenize for an additional 5-7 minutes to ensure full uniformity of gel.
12. Adjust to target pH with Phase G if needed.

### How To Use

Vigorously swish 10 mL of mouthwash between your teeth for 1 minute and then expectorate.



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