

enamel care raspberry mouth rinse

formula #12793-223

material # 969131

claim to fame

—
fluoride mouth rinse with
neutral pH

○
preserved with CPC and
Phyteq™ raspberry
multifunctional technology

—
○
refreshing mint flavor

—
○
no alcohol or parabens
added

description

Keep teeth strong with this mild-mint sodium fluoride rinse that fights cavities, restores minerals to teeth and strengthens enamel. It is designed with a neutral pH and is preserved with cetylpyridinium chloride (CPC), a well-established oral care antibacterial, and a preservative booster, based on the power of raspberries.

ingredients

Phyteq™ raspberry I multifunctional technology 

A biodegradable, nature-identical preservative booster that also exhibits synergy with oral care antimicrobials and has antioxidant properties. It has a mild, raspberry taste and fruity odor and is suitable for vegan products.

typical properties

description: light blue, transparent liquid.

pH (as-is): 6.8

Formulation has passed preservative efficacy testing and 9-months room temperature stability.



biodegradable

Has attained a sufficient level of biodegradation that meets the requirements for 'ready' or 'inherent' according to OECD or related methods such as, 301, 302, or 306. Or product has been assessed as being biodegradable based on a read-across to a chemical with similar structure or the product components have been analyzed for biodegradation potential.

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ingredients (trade name INCI)		% w/w	supplier
phase a			
Water	Aqua/Water	73.11	
Sorbitol 70% solution	Sorbitol	15.00	
Poloxamer 407	Poloxamer 407	3.00	
Propylene glycol	Propylene glycol	8.00	
Sodium fluoride	Sodium fluoride	0.050	
Cetylpyridinium chloride	Cetylpyridinium chloride	0.020	
Menthol	Menthol	0.040	
Methyl salicylate	Methyl salicylate	0.040	
dibasic sodium phosphate dihydrate	Sodium phosphate, dibasic	0.063	
monobasic sodium phosphate monohydrate	Sodium phosphate, monobasic	0.038	
Polysorbate 20	Polysorbate 20	0.06	
Phyteq™ Raspberry I multifunctional technology	Raspberry Ketone	0.500	Ashland
Sodium saccharin	Sodium saccharin	0.038	
Peppermint flavor (Takasago # 135926)	Flavor	0.038	Takasago
FD&C Blue #1	FD&C Blue #1	0.0003	Sensient
total		100.0%	

procedure

note: color is added as a 0.5% solution in 70% sorbitol.

1. To a suitable container add the water, sorbitol solution and propylene glycol and mix, using an overhead mixer fitted with a paddle mixing blade, until uniform.
2. With vigorous agitation, dissolve the Poloxamer 407 (if necessary, chill the solvent solution for easier dissolution), then dissolve the Polysorbate 20 using moderate agitation.
3. Add the sodium fluoride, sodium saccharin, phosphate salts, cetylpyridinium chloride and the **Phyteq™ Raspberry I multifunctional technology**. Mix under moderate agitation until fully dissolved.
4. Add the menthol, methylsalicylate and peppermint flavor oil and mix using moderate agitation until the mixture is fully dissolved/emulsified.
5. Add the color and mix until uniform.



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