



# Air Freshener Gel Formulations

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## FORMULATION 1

<b><u>COMPOUND</u></b>	<b><u>%</u></b>
DI water	65.7
Laponite RD	3.0
Aqualon CMC-9H4F	0.3

Add ingredients in order listed; water should be warm – 100-130°F. Mix at least 30 minutes to ensure hydration. Then add remainder of ingredients below with constant agitation.

Propylene glycol	15.0
Fragrance	15.0
Cola®Mulse Emultron PM	<u>1.0</u>
<b>Total</b>	<b>100.00</b>

The relative amount of propylene glycol determines the evaporation rate. Replace some of the PG with water to speed fragrance release; use more PG to slow release.

## FORMULATION 2

<b><u>COMPOUND</u></b>	<b><u>%</u></b>
<b><u>Part A:</u></b>	
Water	57.5
Propylene glycol	4.0
Cola®Mulse Emultron PM	7.5
<b><u>Part B:</u></b>	
Fragrance	6.0
Isopar M	10.0
Cola®Mid 3458MFA	<u>15.0</u>
<b>Total</b>	<b>100.00</b>

Add ingredients in each part in the order listed. Heat both parts to 120 to 130°F and slowly add Part B to Part A with mild agitation. Fill while warm. Product thickens on cooling.

Clarity will depend on fragrance used and on preventing the incorporation of air bubbles into the gel. To make a lotion formula that is more pourable, substitute Cola<sup>®</sup>Mid C for a portion of the Cola<sup>®</sup>Mid 3458MFA (50:50 as a starting point).

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