



## Classic Distributing Company

11353 BRADLEY AVENUE  
PACOIMA, CA 91331

(818) 367-4475 • FAX (818) 367-7527

# TECHNICAL BULLETIN

## CLASSIC CG-2

### CHEMICAL NAME

Capryl Glycol  
Phenoxyethanol  
Hexylene Glycol

### CAS#

1117-86-8  
122-99-6  
107-41-5

### TYPICAL PROPERTIES

Appearance @ 25°C

Clear to Light Yellow Liquid

Actives Content

100%

### TYPICAL USE LEVELS/ pH Range

0.5% - 1.5%

Optimal formulation pH range 2 – 9

### EFFICACY DATA – PRESERVATIVE CHALLENGE TEST

Shampoo w/ addition of Classic CG-2	Challenge Data- Colony Forming Units per Gram (cfu/g) Mixed Bacteria (P. aeruginosa, E. coli, S. Aureus and B. Cepacia)					
	Day 0	Day 2	Day 7	Day 14	Day 21	Day 28
0.5% Classic CG-2	1-3x10 <sup>6</sup>	< 10	< 10	< 10	< 10	< 10
Unpreserved Shampoo- pH 5	1-3x10 <sup>6</sup>	1-3x10 <sup>6</sup>	1-3x10 <sup>6</sup>	1-3x10 <sup>6</sup>	1-3x10 <sup>6</sup>	1-3x10 <sup>6</sup>

*Classic*  
Fine Ingredients

This information is believed to be reliable, but it is not to be construed as a warranty and no patent liability is assumed.



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Shampoo w/ addition of Classic CG-2	Challenge Data- Colony Forming Units per Gram (cfu/g) Mixed Fungi (A. niger and C. albicans)					
	Day 0	Day 2	Day 7	Day 14	Day 21	Day 28
0.5% Classic CG-2	1-3x10 <sup>5</sup>	< 10	< 10	< 10	< 10	< 10
Unpreserved Shampoo- pH 5	1-3x10 <sup>5</sup>	1-3x10 <sup>5</sup>	1-3x10 <sup>5</sup>	1-3x10 <sup>5</sup>	1-3x10 <sup>5</sup>	1-3x10 <sup>5</sup>

Hand Cream or Facial Care Emulsion w/ addition of Classic CG-2	Challenge Data- Colony Forming Units per Gram (cfu/g) Mixed Bacteria (P. aeruginosa, E. coli, S. Aureus and B. Cepacia)					
	Day 0	Day 2	Day 7	Day 14	Day 21	Day 28
1.0% Classic CG-2	1-3x10 <sup>6</sup>	< 10	< 10	< 10	< 10	< 10
Unpreserved Emulsion- pH 6	1-3x10 <sup>6</sup>	1-3x10 <sup>6</sup>	1-3x10 <sup>6</sup>	1-3x10 <sup>6</sup>	1-3x10 <sup>6</sup>	1-3x10 <sup>6</sup>

Hand Cream or Facial Care Emulsion w/addition of Classic CG-2	Challenge Data- Colony Forming Units per Gram (cfu/g) Mixed Fungi (A. niger and C. albicans)					
	Day 0	Day 2	Day 7	Day 14	Day 21	Day 28
1.0% Classic CG-2	1-3x10 <sup>5</sup>	1-3x10 <sup>4</sup>	< 10	< 10	< 10	< 10
Unpreserved Emulsion- pH 6	1-3x10 <sup>5</sup>	1-3x10 <sup>5</sup>	1-3x10 <sup>5</sup>	1-3x10 <sup>5</sup>	1-3x10 <sup>5</sup>	1-3x10 <sup>5</sup>

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