

LITTLE BEE scents Performance Results in Cold Process (CP) Soap

Fragrance	Overview	Maximum IFRA Use Rate in Category 9	Testing Notes	Color of Final Bars
BAYBERRY	 Acceleration Deceleration Ricing Separation Discoloration 	7.59%	Tested at 5%. Thickened soap batter slightly, but then stayed workable for a while. No ricing or acceleration was noted, discolored to ivory color. Retention in cured bars is excellent!	
BEAM	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at 5%. Batter remained very fluid throughout the pour, had no issues at all. Discolored to a cream color, has excellent scent retention. Would be great in complex designs!	
BLACKBERRY MUSK	 Acceleration Deceleration Ricing Separation Discoloration 	9.38%	Tested at 5%. Batter remained very fluid and smooth throughout the pour, fragrance behaved very well. Discolored to a very light ivory color. Scent retention is great!	
BLITZEN'S BREATH	 Acceleration Deceleration Ricing Separation Discoloration 	11.11%	Tested at 5%. Batter did accelerate lightly, but was fine to work with at room temperature. Discolored to a light coffee color. Strong scent retention in final bars!	
BURNT SUGAR	 Acceleration Deceleration Ricing Separation Discoloration 	3.80%	Tested at maximum 3.80%. Batter accelerated lightly, but stayed manageable and poured very smoothly. No ricing or separation was noted, bars discolored to a rich caramel color. Good scent retention, even at the low usage rate.	
CACAO	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Fragrance thinned batter and soaped beautifully! Started getting thick after 20 minutes. No ricing or separation was noted, bars discolored to a deep chocolate color. Amazing scent retention!	

Page 2 of 9

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CAMPFIRE COFFEE	 Acceleration Deceleration Ricing Separation Discoloration 	0.05%	Tested at maximun 0.50%. Soaped beautifully, even decelerated trace a bit! Would be great for swirls. Bars discolored to a barely noticable ivory color. Scent retention is light due to low use rate, but does come through and is very pleasant.	
CANDY CANE	 Acceleration Deceleration Ricing Separation Discoloration 	100.00%	Tested at 5%. Decelerated trace and was very easy to work with. Started to thicken after about 15-20 minutes and discolored to a hazeInut color. Scent retention is very strong!	
CARAMEL APPLE	 Acceleration Deceleration Ricing Separation Discoloration 	3.80%	Tested at maximum 3.80%. Batter accelerated lightly, but stayed very manageable despite this. No ricing or separation, bars discolored to a shortbread color. Good scent retention, apple notes really come through!	
CARROT	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Lightly accelerated trace, but remained very fluid and manageable for a while. No ricing or separation, the fragrance lightened my bars to an off-white color. Smells very strong and amazing!	
CHAI TEA	 Acceleration Deceleration Ricing Separation Discoloration 	0.66%	Tested at maximum 0.66%. Decelerated trace and remained fluid for a long time. Would be great for swirls! Bars discolored to a cream color. Scent retention is good, despite very low use rate and smells mild, sweet and fresh!	
CHIPOTLE CARAMEL	 Acceleration Deceleration Ricing Separation Discoloration 	2.35%	Tested at maximum 2.35%. Behaved well and remained fluid for a while. Turned batter pink at first, but turned back the next day and then discolored to an oat color. Scent retention is great!	
CINNAMON	 Acceleration Deceleration Ricing Separation Discoloration 	0.66%	Tested at maximum 0.66%. A+! Stayed very fluid and soaped beautifully. No issues, discolored to a light beige color. Great scent retention, even at the very low use rate! A steal.	
CINNAMON APPLE	 Acceleration Deceleration Ricing Separation Discoloration 	5.35%	Tested at 5%. A+! Very easy to work with, stayed fluid for a while. No issues noted. Discolored to a dandelion yellow color. Awesome scent retention!	

Page 3 of 9

Fragrance	Overview	Maximum IFRA Use Rate in Category 9	Testing Notes	Color of Final Bars
CLEAN UNDIES	 Acceleration Deceleration Ricing Separation Discoloration 	3.86%	Tested at maximum 3.86%. Moves fast and accelerates trace, but was still able to get into mold smoothly with no air pockets. Discolored to a very light ivory color. Recommend soaping at room temperature and hand mixing. Strong scent retention!	
EXECUTIONER	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at 5%. Amazing to work with! Kept batter very fluid. No ricing or separation, discolored to a light mahogany color. Great scent retention!	
FIG	 Acceleration Deceleration Ricing Separation Discoloration 	81.25%	Tested at 5%. Did accelerate trace and rice a little, but this was blended out quite easily and remained manageable for some time. No separation or discoloration was noted. Good scent retention!	
FROSTED SPRUCE	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Lightly thickened batter but was very manageable and stayed fluid for a while. No ricing or separation, discolored to a light cream color. Very strong scent retention!	
FRUIT BLISS	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Decelerated trace and remained fluid for a very long time. Would be great for intricate swirls! Discolored to a cream color. Great scent retention!	
GINGER GRAPEFRUIT	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. A+! Kept batter very thin and fluid, was amazing to work with. No ricing, separation or discoloration was noted. Good scent retention!	
GINGER JACK	 Acceleration Deceleration Ricing Separation Discoloration 	2.73%	Tested at maximum 2.73%. Accelerated some, but still remained fluid enough to pour smoothly into the mold. No ricing or separation noted, discolored to a hazel wood color. Medium scent retention due to lower use rate.	
GINGERBREAD	 Acceleration Deceleration Ricing Separation Discoloration 	2.73%	Tested at maximum 2.73%. Moderate acceleration was noted, but batter remained fluid enough pour smoothly. Recommend working at room temperature and hand mixing. Discolored to a light coffee color. Great scent retention!	

Page 4 of 9

Fragrance	Overview	Maximum IFRA Use Rate in Category 9	Testing Notes	Color of Final Bars
GOOD GUY	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Thickened soap batter ever so slightly, but otherwise behaved very well. Discolored to a coffee color. Great scent retention, all the notes really come out after the cure!	
GRAPEFRUIT PINE	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Moves fast, so be prepared to pour quickly. Recommend working at room temperature and hand whisking fragrance in just before pouring. No ricing or separation. Discolored to a light cream. Excellent scent retention!	
GREEN TEA	 Acceleration Deceleration Ricing Separation Discoloration 	2.37%	Tested at maximum 2.37%. An absolute pleasure to work with! Batter remained very fluid and thin for a while. No ricing, separation, or discoloration noted. Light scent retention due to low use rate, but still smells pleasant.	
GREEN TEA & PATCHOULI	 Acceleration Deceleration Ricing Separation Discoloration 	9.80%	Tested at 5%. Stayed fluid for a while, seems to stay at a medium trace. Great to work with! No issues noted, discolored to a light cream. Good scent retention.	
HANDYMAN	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Beautiful to work with, no problems at all. Discolored to a light beige. Smells great, very refreshing!	
HAPPY CAMPER	 Acceleration Deceleration Ricing Separation Discoloration 	5.35%	Tested at 5%. Batter remained thin and super fluid for a while. Behaved wonderfully, even seemed to slow down trace! No ricing or separation, discolored to a light tan. Strong scent retention.	
HAWAIIAN GINGER LILY	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Sped up trace somewhat, but remained very manageable. No ricing or separation was noted, discolored to a light cream. Strong scent retention!	
HONEY TEA BOURBON	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. A dream to work with, very fluid and well behaved! No ricing or separation, discolored to a light cream color. Amazing scent retention!	

Page 5 of 9

Fragrance	Overview	Maximum IFRA Use Rate in Category 9	Testing Notes	Color of Final Bars
HOPE CHEST	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Thickened soap batter initially, but remained manageable for a while after. No ricing or separation, discolored to a light tan color. Strong scent retention!	
HOPS	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Remained thin and fluid for a while, no issues or discoloration whatsoever. Strong scent retention.	
I'M THE BOSS, APPLESAUCE	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5.00%. Very fluid and easy to work with! Did turn batter to a burnt orange color, and then discolored to a mocha brown color. Strong scent retention in finished bars.	
IRISH CREAM	 Acceleration Deceleration Ricing Separation Discoloration 	100.00%	Tested at 5%. Behaved Beautifully and remained fluid for a while. Batter turned a dark yellow color and then discolored to a dark brown. Great scent retention!	
JESUS	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Thickened a little more quickly than my unscented batch, but poured smoothly. No ricing or separation, discolored to a light tan color. Excellent scent retention, beautiful in cured soap!	
LAUNDRY DAY	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Decelerated trace and remained very fluid for a long time. Great for intricate swirls! No ricing, separation or discoloration noted. Very strong scent retention!	
LEMON BAR	 Acceleration Deceleration Ricing Separation Discoloration 	3.69%	Tested at maximum 3.69%. Batter remained super thin and fluid for a long time! A dream to work with. No ricing or separation, discolored to a peanut color. Amazing scent retention!	
LILY OF THE VALLEY	 Acceleration Deceleration Ricing Separation Discoloration 	2.75%	Tested at maximum 2.75%. Moved fast, but was able to get it in the mold smoothly when working at room temperature and hand whisking fragrance. No ricing, separation, or discoloration. Medium-light scent retention due to low usage rate.	

Page 6 of 9

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MAGNOLIA	 Acceleration Deceleration Ricing Separation Discoloration 	2.75%	Tested at maximum 2.75%. Traced quickly but remained smooth enough to pour. Recommend working at room temperature and hand stirring fragrance before pouring. No ricing, separation or discoloration noted. Strong scent retention!	\bigcirc
MEANT TO BE	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Remained very fluid and smooth for a long time. Turned batter a purplish color, then discolored to a moss green. No ricing or separation noted, very strong scent retention!	
O' PUMPKIN	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5.00%.Moved quickly and turned batter a yellow color. Despite this, remained at medium traced and loosened when stirred. No ricing or separation, discolored to a chocolate brown color. Strong scent retention!	
OATMEAL LAVENDER	 Acceleration Deceleration Ricing Separation Discoloration 	3.80%	Tested at maximum 3.80%. Decelerated a little at first, and then remained at a light medium trace for the longest time. No ricing or separation, discolored to a coffee color. Amazing scent retention!	
OATMEAL STOUT	 Acceleration Deceleration Ricing Separation Discoloration 	100.00%	Tested at 5%. Slowed trace initially, then remained at a very smooth light medium trace for a while. No ricing or separation, discolored to a pecan brown. Great scent retention!	
ORANGE PATCHOULI	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. A dream to work with, kept batter very thin and fluid. Would be great for swirls. No ricing or separation, discolored to a creamy banana color. Great scent retention, and the orange really comes through after!	
PEACH GARDENIA	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5.00%. Accelerated batter, but stayed at a manageable, medium trace for some time. No ricing or separation, discolored to a light tan color. Great scent retention!	
PEPPERCORN	 Acceleration Deceleration Ricing Separation Discoloration 	9.18%	Tested at 5%. Thickened batter, but remained fluid enough to get into mold smoothly. No ricing or separation was noted, discolored to a peanut butter color. Great scent retention!	

Page 7 of 9

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PETRICHOR	 Acceleration Deceleration Ricing Separation Discoloration 	47.99%	Tested at 5%. Accelerated quickly and riced a little. Was okay when hand stirred and poured smoothly. Be prepared to work quickly a room temperature. No separation noted, discolored to a sepia. Very strong scent retention!	
PUMPKIN PIE	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Accelerated some and then stayed at a manageable, medium trace for a while. Turned batter yellow, and then discolored to mocha brown. No ricing or separation noted. Strong scent retention!	
PUMPKIN ROLL	 Acceleration Deceleration Ricing Separation Discoloration 	1.94%	Tested at maximum 1.94%. No issues at all! Stayed fluid and smooth for a long time. No ricing or separation noted, discolored to a sand color. Great scent retention, even at such a low rate!	
RADISH	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Quickly thickened batter to a medium trace, but remained smooth enough to get into the mold. No ricing or separation noted, discolored to a light cream color. Very strong scent retention!	
SANDALWOOD VANILLA	 Acceleration Deceleration Ricing Separation Discoloration 	1.76%	Tested at maximum 1.73%. Behaved very nicely! Kept batter smooth and thin for a long time. No ricing or separation, discolored to a light tan. Light scent retention due to low usage rate, but still came through and smells pleasant.	
SANTA'S WHISKERS	 Acceleration Deceleration Ricing Separation Discoloration 	2.73%	Tested at maximum 2.73%. Accelerated initially, but then remained at a medium trace for a while. No ricing or separation was noted, discolored to a light tan color. Good scent retention even, at such a low usage rate!	
SUMMER BREEZE	 Acceleration Deceleration Ricing Separation Discoloration 	5.50%	Tested at 5.00%. Behaved beautifully and remained fluid for a while. A pleasure to work with! No issues whatsoever, discolored to a very light beige. Excellent scent retention!	
SUN RIPENED RASPBERRY	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Thickened batter a tad, but stayed this way for a while and was otherwise easy to work with. No ricing or separation was noted, discolored to a light cream. Good scent retention!	

Page 8 of 9

Fragrance	Overview	Maximum IFRA Use Rate in Category 9	Testing Notes	Color of Final Bars
SUNFLOWER	 Acceleration Deceleration Ricing Separation Discoloration 	2.75%	Tested at maximum 2.75%. Soaped beautifully! Remained fluid for a very long time. No ricing or separation noted, discolored to a light cream. Great scent retention, even at the lower usage rate!	
TART LEMON	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Soaped beautifully, even decelerated trace a bit! Would work great for swirls. No ricing or separation, discolored to a light tan color. Awesome scent retention!	
THE BOTTOM OF MOM'S PURSE	 Acceleration Deceleration Ricing Separation Discoloration 	7.58%	Tested at 5%. Amazing to work with! Kept batter very smooth and fluid. No ricing, separation, or discoloration noted. Good scent retention!	
TOBACCO & BAY LEAF	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Amazing to work with, had no issues whatsoever. No ricing, separation, or discoloration noted. Great scent retention!	
VANILLA LACE	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Accelerated lightly, but remained fluid and very manageable for a while. No ricing or separation noted, discolored to a chocolate brown. Amazing scent retention!	
VICTORY GARDEN	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. A dream to work with, very fluid and well behaved! No ricing or separation, discolored to a very light cream. Excellent scent retention!	
WATER MINT	 Acceleration Deceleration Ricing Separation Discoloration 	2.16%	Tested at maximum 2.16%. Thickened batter a little, but stayed fluid for a while. Easy to work with! No ricing or separation, discolored to a very light cream. Great scent retention!	
WITCHY WOMAN	 Acceleration Deceleration Ricing Separation Discoloration 	9.18%	Tested at 5%. Light acceleration, but stayed fluid and workable for some time. No ricing or separation, discolored to a sepia color. Strong scent retention!	

Page 9 of 9

Fragrance	Overview	Maximum IFRA Use Rate in Category 9	Testing Notes	Color of Final Bars
WOODLAND FIR	 Acceleration Deceleration Ricing Separation Discoloration 	12.86%	Tested at 5%. Stayed quite fluid, had no issues at all. Amazing to work with! Discolored to a very light cream color. Great scent retention!	
YOU BET YOUR SWEETGRASS	 Acceleration Deceleration Ricing Separation Discoloration 	5.00%	Tested at maximum 5%. Some acceleration was noted, but batter remained smooth and easy to work with. No ricing or separation, discolored to a very light cream. Great scent retention!	
YOUR BRAIN ON DRUGS	 Acceleration Deceleration Ricing Separation Discoloration 	5.35%	Tested at 5%. Soaped beautifully and remained fluid for a while! No ricing or separation, discolored to a very light cream color. Strong scent retention!	

* Tested by Marina B. of Creamy Obsession in a recipe consisting of olive oil, coconut oil, lard, sunflower oil, castor oil, shea butter and cocoa butter. A 1.8:1 water to lye ratio was used, as well as a 5% superfat. All tests were conducted at room temperatures, with a range of 75°F to 90°F. Each batch was brought to a very light trace, and then the fragrances were mixed in by hand and watched over a period of 30 minutes. Finally, all were oven processed in individual molds in the oven at 170°F for 5 minutes to ensure a full gel. Keep in mind that the colors may vary a little depending on monitor and screen settings, and using different oils as well as preventing gel phase may also result in slightly different colors. Different recipes and additives may also result in different behavior, and your individual results may vary.