


|                                       |                |                   |         |
|---------------------------------------|----------------|-------------------|---------|
| Total oil weight                      | 32 oz          | Sat : Unsat Ratio | 42 : 58 |
| <b>Water as percent of oil weight</b> | <b>33.00 %</b> | Iodine            | 68      |
| Super Fat/Discount                    | 5 %            | INS               | 145     |
| Lye Concentration                     | 30.281 %       | Fragrance Ratio   | 0.5     |
| Water : Lye Ratio                     | 2.3025:1       | Fragrance Weight  | 1.00 oz |

|   | Pounds | Ounces | Grams    |
|---|--------|--------|----------|
| Water   | 0.660  | 10.56  | 299.37   |
| Lye - <b>NaOH</b>   | 0.287  | 4.59   | 130.02   |
| Oils  | 2.000  | 32.00  | 907.18   |
| Fragrance   | 0.063  | 1.00   | 28.35    |
| Soap weight before CP cure or HP cook  | 3.009  | 48.15  | 1,364.93 |

| #      | ✓                        | Oil/Fat             | %      | Pounds | Ounces | Grams  |
|--------|--------------------------|---------------------|--------|--------|--------|--------|
| 1      | <input type="checkbox"/> | Olive Oil           | 31.25  | 0.625  | 10.00  | 283.50 |
| 2      | <input type="checkbox"/> | Coconut Oil, 92 deg | 31.25  | 0.625  | 10.00  | 283.50 |
| 3      | <input type="checkbox"/> | Soybean Oil         | 28.13  | 0.563  | 9.00   | 255.15 |
| 4      | <input type="checkbox"/> | Cocoa Butter        | 9.38   | 0.188  | 3.00   | 85.05  |
| Totals |                          |                     | 100.00 | 2.000  | 32.00  | 907.18 |

| Soap Bar Quality | Range     | Your Recipe | Lauric     | 15 |
|------------------|-----------|-------------|------------|----|
| Hardness         | 29 - 54   | 40          | Myristic   | 6  |
| Cleansing        | 12 - 22   | 21          | Palmitic   | 13 |
| Conditioning     | 44 - 69   | 55          | Stearic    | 6  |
| Bubbly           | 14 - 46   | 21          | Ricinoleic | 0  |
| Creamy           | 16 - 48   | 19          | Oleic      | 34 |
| Iodine           | 41 - 70   | 68          | Linoleic   | 19 |
| INS              | 136 - 165 | 145         | Linolenic  | 3  |

| Additives  | Notes  |
|--|--|
| Vanilla Scent Anchor with Clay<br><br>Use 1 tsp of Instant Coffee and Grounds in Lye Solution. | Rectangle Loaf Mold.<br><br>Cold Process<br><br>Mix at 120-130 |

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