

SoapCalc ©


Recipe Name: Pine &amp; Cranberry ????

New

INCI Names

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|                                       |                |                   |         |
|---------------------------------------|----------------|-------------------|---------|
| Total oil weight                      | 36 oz          | Sat : Unsat Ratio | 40 : 60 |
| <b>Water as percent of oil weight</b> | <b>38.00 %</b> | Iodine            | 55      |
| Super Fat/Discount                    | 5 %            | INS               | 161     |
| Lye Concentration                     | 27.680 %       | Fragrance Ratio   | .75     |
| Water : Lye Ratio                     | 2.6127:1       | Fragrance Weight  | 1.69 oz |

|   | Pounds | Ounces | Grams    |
|---|--------|--------|----------|
| Water   | 0.855  | 13.68  | 387.82   |
| Lye - <b>NaOH</b>   | 0.327  | 5.24   | 148.44   |
| Oils  | 2.250  | 36.00  | 1,020.58 |
| Fragrance   | 0.106  | 1.69   | 47.85    |
| Soap weight before CP cure or HP cook  | 3.538  | 56.60  | 1,604.70 |

| #      | ✓                        | Oil/Fat                | %      | Pounds | Ounces | Grams    |
|--------|--------------------------|------------------------|--------|--------|--------|----------|
| 1      | <input type="checkbox"/> | Olive Oil              | 36.11  | 0.813  | 13.00  | 368.54   |
| 2      | <input type="checkbox"/> | Coconut Oil, 92 deg    | 38.89  | 0.875  | 14.00  | 396.89   |
| 3      | <input type="checkbox"/> | Canola Oil, high oleic | 19.44  | 0.438  | 7.00   | 198.45   |
| 4      | <input type="checkbox"/> | Castor Oil             | 5.56   | 0.125  | 2.00   | 56.70    |
| Totals |                          |                        | 100.00 | 2.250  | 36.00  | 1,020.58 |

| Soap Bar Quality | Range     | Your Recipe |            |    |
|------------------|-----------|-------------|------------|----|
| Hardness         | 29 - 54   | 38          | Lauric     | 19 |
| Cleansing        | 12 - 22   | 26          | Myristic   | 7  |
| Conditioning     | 44 - 69   | 56          | Palmitic   | 9  |
| Bubbly           | 14 - 46   | 31          | Stearic    | 3  |
| Creamy           | 16 - 48   | 17          | Ricinoleic | 5  |
| Iodine           | 41 - 70   | 55          | Oleic      | 43 |
| INS              | 136 - 165 | 161         | Linoleic   | 8  |
|                  |           |             | Linolenic  | 1  |

| Additives            | Notes   |
|----------------------|---|
| Salt<br>Pine Needles | Make Pine Needle Tea - Use as lye water<br><br>Green & White 1/2 Green - 1/2 White -<br><br>Round Top with Pine Needles |

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