



Infusion Worksheet: Topical Infusion



With topical infusions you can personalize each blend to suit a specific need or desired effect. For example, are you creating a moisturizing skin treatment or a deep penetrating medicinal salve? Do you want the end product more soft or more firm? These questions will help shape your final recipe.

Generally, we use a carrier oil as our base to which we will add an extract to. People use many different carrier oils depending on preference and intended use. Some popular oils include coconut, grape seed, sunflower, safflower, and olive oil. When applying heat during the mixing process, use care to ensure the heat stays below the oils smoke point and below cannabis extract boiling point to prevent degradation.

After selecting your carrier oil you will need to decide on the viscosity of your product. We are able to turn our runny oils into thick balms with the addition of one or more thickening agent. Two of the most commonly used are beeswax and cocoa butter. Mixing either of these at a ratio of 1 part thickening agent to 4 or 5 parts oil will provide good consistency. For a more firm consistency, suited for a warmer climate, a ratio of 1 to 4 works well. In a colder climate a ratio of 1 to 5 will make a softer end product that's easier to work with. Shea butter is also commonly used as a thickener, though not as hard as beeswax or cocoa butter and used in combination with either, to make for a smoother texture and better absorption.

Essential oils may be added simply for a desired aroma in a moisturizing type product or for their potential therapeutic effects in a medicated product. Always use caution when using essential oils, maintaining a safe dilution ratio, as too much can irritate the skin or cause other harm.

Coconut Oil Rub

Size: 4 oz

Ingredients: Coconut oil, Beeswax, Hemp extract, Essential Oils

Potency: Approximately 1400 mg CBD or 350 mg/oz

Purpose: Healing salve



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Directions:

1. Prepare a hot water bath by filling a medium sized pot halfway with water and placing over low heat. If the water begins to boil remove from heat immediately and let cool.
2. Measure beeswax and coconut oil at a 1 to 4 ratio.

$$4 \text{ oz} \div 5 = 0.8$$

Beeswax : 0.8 oz

$$\text{Coconut oil} : 4 \times 0.8 = 3.2 \text{ oz}$$

3. Fill a mason jar, pyrex cup or other heat safe glassware with the coconut oil and place vessel into the hot water bath.
4. Once the coconut oil has melted into liquid form it is now warm enough to mix in the beeswax. Breaking the beeswax into small pieces will help it melt and mix faster.
5. Once the beeswax has fully melted and mixed with the oil remove from heat. You may want to wait a few minutes for the mixture to slightly cool. Ideally you want it to be just warm enough to mix well with your extract or essential oils.
6. Add your extract and essential oils making sure to stir and mix vigorously.

This preparation can be applied to small and large batch production and this will determine most of the tools needed. For smaller batches, pint or quart sized jars and hand mixing with a spoon or whisk will suffice. For larger scale, gallon size glass ware or stainless steel mixing bowls and kitchen/electric mixers are recommended.