



candlescience

Fine Fragrance Blending Instructions

CandleScience EcoBase™ Perfume Oil Base (oil-based)

Making your own fine fragrance is simple, but precision is key. For accuracy and consistency, **always measure your ingredients by weight (grams or ounces) using a digital scale**, never by volume (drops or milliliters).

Step 1: Determine Your Total Weight

Decide how much finished perfume you want to make. To find the fill weight of your bottle, place the empty container on your scale, tare (zero) it, fill it with water or un-fragranced perfume base, and note the weight. Empty and dry the bottle before blending.

Step 2: Choose Your Fragrance Load

Determine how strong you want your perfume to be. We recommend starting at a 15% fragrance load, with a **maximum recommendation of 30%** for this base.

Step 3: Weigh Your Fragrance Oil

Multiply your target total weight by your chosen fragrance percentage to get your fragrance weight.

Example: If you want 100 grams of total product at a 15% fragrance load, you need **15 grams** of fragrance oil ($100 * 0.15$).

Step 4: Weigh Your Base

Subtract your fragrance weight from your target total weight to find the weight of the base you need.

Example: 100 grams (Total) - 15 grams (Fragrance) = **85 grams** of base.

Step 5: Mix It Up

Place a clean mixing container (or your desired packaging bottle) on the scale, tare it, and weigh out your fragrance oil and base. *Using the above examples: you'll be combining 15 grams of fragrance oil with 85 grams of base, to create a finished product weighing 100 grams.* Stir or shake thoroughly until completely combined.

Step 6: Enjoy!

Your fine fragrance is ready to use immediately. Simply pour it into your spray bottle and enjoy.

Quick Tips



- **No alcohol rinse required!** Our oil base naturally resists bacterial growth, so you can skip the container isopropyl pre-rinse and mix directly.
- **Cloudy Mixture?** If your finished perfume looks cloudy, it means the base is oversaturated and cannot solubilize that much of that specific fragrance oil.
 - **The Fix:** Slowly add more base to the mixture until it clears up. Be sure to weigh and track exactly how much extra base you added so you can calculate your new, lower fragrance percentage for future batches.
 - **Please Note:**
 - Cloudiness in the finished perfume or room spray does not indicate reduced effectiveness or safety. It's purely aesthetic!
 - Higher fragrance load does not always equate to stronger fragrance throw. Test your formula using a variety of fragrance loads to find what works best for you.
- **Labeling requirements:** If you plan to sell your fine fragrances, regulations require labels to list net contents in fluid volume (fl. oz. or mL), not weight.
 - Most formulas utilizing CandleScience EcoBase™ Perfume Oil Base (oil-based) are similar in weight to water. You can use the conversion for water to get a rough estimate, but we highly recommend confirming the exact fluid volume of your finished product for the most accuracy.
 - 30 grams of water weight = 30 mL = 1 fl. oz.