



## Softly Shaken Cream

By Erin Fletter

**Prep Time** 10 / **Cook Time** / **Serves** 4 - 6

### Fun-Da-Mentals Kitchen Skills

**emulsify:** to convert two or more liquids into an emulsion. What is an emulsion, you ask? It is a fine dispersion of teeny tiny droplets of one liquid into another. It's what allows oil and vinegar to mix and not separate.

**measure:** to calculate the specific amount of an ingredient required using a measuring tool (like measuring cups or spoons).

**shake:** to rapidly and vigorously move a covered container filled with food up and down and side to side to combine ingredients and create a different consistency, such as shaking whipped cream to make butter.

### Equipment

- Plastic jar + tight-fitting lid
- Liquid measuring cup
- Measuring spoons

### Ingredients

#### Softly Shaken Cream

- 1 to 2 C heavy whipping cream **\*\***(for DAIRY ALLERGY sub dairy-free/nut-free heavy whipping cream or omit recipe)**\*\***
- 1 squeeze fresh lemon juice
- 1 T sugar/honey/agave nectar (or 1 stevia packet)
- 1 pinch salt

### Food Allergen Substitutions

## Softly Shaken Cream

**Dairy:** Substitute dairy-free/nut-free heavy whipping cream or omit recipe.

## Instructions

### Softly Shaken Cream

measure + shake + emulsify

Have kids fill a plastic jar half full of **1 to 2 cups heavy whipping cream, 1 squeeze of lemon juice, 1 tablespoon sugar, and 1 pinch of salt**. Shake, shake, shake until the cream has thickened and stops moving in the container, and "voilà!" (French for "there it is"), an emulsion! You've got homemade whipped cream!

## Featured Ingredient: Heavy Cream!

Hi! I'm Heavy Cream!

"I'm not a lightweight, like half and half. I'm full of fat and pour out much thicker. You can also call me 'heavy whipping cream.' The names refer to the same thing! Did you know that I can transform myself with your help? I turn into a fluffy topping to put on cakes and pies when you whisk me as fast as you can (or you can use a mixer). However, I go through an even bigger change when you shake me really hard in a covered container for a few minutes—I turn into butter!"

Heavy cream is the thick, high-fat liquid at the top of raw milk. It naturally separates from the milk, rising to the top. It is skimmed off and then pasteurized to kill bacteria, which makes it safer to drink and lasts longer.

Heavy whipping cream is made up of about 36 percent fat. In comparison, regular whipping cream is 30 percent fat, and half-and-half averages to about 14 percent.

Heavy cream whips up better as a topping if the cream is cold, and pouring it into a cold mixing bowl before whipping also helps.

The Guinness World Record for the most people simultaneously whipping cream by hand is 1,434 and was set on August 22, 2015, by employees of the Swiss company Nordostmilch AG in Bürglen, Switzerland.

A dollop of whipped cream is great on fruit, cakes, and pies. The tallest recorded dollop so far was over 7 inches atop a mug of hot chocolate!

Some of the foods heavy cream is added to include cakes, frostings, ice cream, salad dressings, sauces, soups, sour cream, scrambled eggs, chocolate ganache, crème fraîche, panna cotta, and homemade cheeses.

One-half cup of heavy cream contains 43 grams of fat, 3 grams of protein, and the minerals calcium and phosphorus. It has more of the fat-soluble vitamins A, D, E, and K than lower-fat dairy products. Fat-soluble vitamins are more easily absorbed by your body when eaten with fat.

