

# smoothing hair conditioner

**DURATION:** 45 Minutes

**SKILL LEVEL:**



**SUPPLIES:**

Small Mixing Bowl    Immersion Blender    Thermometer  
Double Boiler        Spoon or Stirring Rod  
Scale                    Bottle or Tube

**FORMULA:**

Makes 200 grams or 7 ounces

	INGREDIENT	FORMULA	WEIGHT
1	Distilled or Deionized Water	81.7 %	163.4 g
2	Organic Glycerin	3.0 %	6.0 g
3	Guar Hydroxypropyltrimonium Chloride*	0.3 %	0.6 g
4	Panthenol Powder	0.3 %	0.6 g
5	BTMS-50 MB	5.0 %	10.0 g
6	Broccoli Seed Oil	1.0 %	2.0 g
7	Milk Thistle Seed Oil	5.0 %	10.0 g
8	Cetearyl Alcohol MB	2.0 %	4.0 g
9	Preservative PE	1.0 %	2.0 g
	TOTAL	100 %	200 g

**DIRECTIONS:**

Ensure all equipment is clean and sterilized. Ingredients with an asterisk can be sourced from any supplier.

Add Distilled or Deionized Water to top portion of the double boiler and begin heating to 170 - 175°F. In a small mixing bowl, add Organic Glycerin and guar gum together in a slurry. Mix by hand with a spoon until it looks homogenous. Pour the slurry into the main double boiler and use an immersion blender to fully disperse the mixture.

Add #4 and mixing gently with mixing spoon until dissolved.

Once main vessel reaches temperature, start adding ingredients #5-8, one by one until each is dissolved, making sure to gently stir with a spoon. While heating and melting, make sure to cover the double boiler with a lid, especially while the behentrimonium methosulfate is dissolving, so too much water doesn't evaporate. Once dissolved, use an immersion blender to blend to a milky white texture.

Turn off the heat and remove double boiler from the heat source. Begin stirring gently with spoon while the mixture cools down. At 105 - 110°F, add #9. Once completely cooled, mixture will thicken.

**PRODUCT LABELING:**

INGREDIENTS: Water, Glycerin, Silybum Marianum (Milk Thistle) Seed Oil, Behentrimonium Methosulfate, Cetyl Alcohol, Cetearyl Alcohol, Brassica Oleracea Italica (Broccoli) Seed Oil, Panthenol, Guar Hydroxypropyltrimonium Chloride, Phenoxyethanol, Ethylhexylglycerin, Tocopherol

