

## Beauty Products from the Hive

Salves & Balms, Creams & Lotions  
Lotion Bars, and even Soap

### What is the difference?

#### \* Salves & Balms

- \* made with a carrier oil (liquid), a wax (and sometimes a solid oil or butter)
- \* they do not contain water.
- \* there is little difference between them
- \* may contain infused carrier oils and/or essential oils
- \* Lip Balms- fall into this category

### What is the difference?

#### \* Cremes & Lotions

- \* are made with
  - \* carrier oils
  - \* water or water based ingredients
- \* wax
- \* an emulsifier
- \* possibly a thickener
- \* a preservative

#### \* Require more careful proportions

- \* the emulsifier is critical
- \* needs to be heated in 2 parts
- \* blending can take a long time
- \* if you are interesting making lotions, more experimentation and research will be required.

### What is the difference?

#### \* Lotion Bars

- \* are an uncommon product
- \* are made with
  - \* carrier oils (liquid)
  - \* solid oils or butters
  - \* wax

## What is the difference?

### \* Soaps

- \* are made with
  - \* carrier oils
  - \* water or water based ingredients
  - \* wax
  - \* a Saponifier (usually Lye)
  - \* essential oils

### \* Require more careful proportions

- \* the Lye is critical
  - \* proportions are critical to achieve saponification
- \* Lye and oils need to be heated separately
- \* blending can take a long time
  - \* if you are interested in making soap, more experimentation and research will be required.
- \* the possibilities for soap are endless, research

## What is a Cosmetic

A cosmetic is a product, except soap, intended to be applied to the human body for cleansing, beautifying, promoting attractiveness, or altering the appearance.

Sec. 201(i) FD&C Act

## Ingredients

## Carrier Oils

There are many kinds available. The most commonly used are

- \* Sweet Almond
- \* Olive
- \* Grapeseed
- \* Jojoba
- \* Wheat Germ



## Carrier Oils



- \* May be infused with herbs for added benefits.
- \* Each has its own special properties.
- \* Can be used in many combinations
- \* Final use predicates which oils to use.

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## Solid Oils & Butters

Are solid or semi-solid at room temperature.

- \* Coconut Oil
- \* Palm Oil
- \* Cocoa Butter
- \* Shea Butter
- \* Lanolin
- \* and others



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## Solid Oils & Butters



- \* Some of the oldest skin care ingredients
- \* Prized for their skin moisturizing qualities
- \* Solidity varies for some depending on ambient temperature

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## Waxes

- \* Beeswax
- \* Carnauba
- \* Emulsifying (man made)



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## Beeswax



- \* Locks in moisture
- \* Anti-inflammatory, Anti-bacterial, Germicidal Anti-oxidant
  - \* maintains these properties, even after processing
- \* Effective even in small quantities
- \* Does not clog pores!

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## Preservatives

Needed especially for making lotions

- \* Essential Oils
  - \* Rosemary
  - \* Neem
  - \* Grapefruit seed
  - \* Tea Tree
- \* Vitamin E Oil
- \* Lecithin- mild
- \* Borax- Mild



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## Preservatives

Needed especially for making lotions



- \* Synthetics
  - \* LiquiPar Optima
    - \* broad spectrum, anti-microbial preservative
  - \* many others available

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## Other Ingredients

- \* Emulsifiers
  - \* Borax- mild
  - \* Lecithin - mild
  - \* Emulsifying Wax
  - \* Glycerine
- \* Vitamin E Oil



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## Other Ingredients

- \* Lye
  - \* Very caustic
  - \* Special handling is required
  - \* Can be difficult to find.



## Other Ingredients



- \* Aloe Vera Gel
- \* Vegetable Glycerine
- \* Witch Hazel
- \* Essential Oils
  - \* healing properties
  - \* heating or cooling properties
  - \* flavor or scent



## Equipment

- \* Dedicated Equipment
  - \* Double Boiler
    - \* Electric frying pan & Metal Bowls
  - \* Electronic Scale
  - \* Measuring spoons and cups
  - \* Sharp Knife
  - \* Blender or Hand Blender- for making lotions

## Packaging

- \* What kind?
  - \* Glass
  - \* Plastic
  - \* Tins
  - \* Paper
- \* Lip Balm Containers
  - \* buy the filling kit





## Branding & Labeling



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## Labeling

A cosmetic is considered misbranded if.....

- labeling is false or misleading
- label does not state
  - the name and address of the manufacturer, packer, or distributor
  - the net quantity of contents
- the required information is not stated prominently, with conspicuousness and in terms that it is read and understood by consumers under customary conditions of purchase and use
- the container or its fill is misleading

Sec. 602, FD&C Act

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## Labeling

Very important to try and fulfill the FDA regulations

- <http://www.fda.gov/Cosmetics/CosmeticLabelingLabelClaims/CosmeticLabelingManual/default.htm>

Some things to be sure to include

A complete list of ingredients

Name and location of manufacturer/ packager

(optional) Use the Mi Dept. of Ag. disclaimer about where it was made

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## Formulas and Recipes

- \* Internet is great resource
  - \* many people making and sharing
  - \* plenty of reference material on uses of ingredients and essential oils
- \* Create your own special blends
  - \* make small batches at first
  - \* KEEP RECORDS!
- \* Don't be afraid to experiment.

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## Basic Hand Salve

- \* 1 part coconut oil
- \* 1 part beeswax
- \* 2 parts almond oil
- \* 1/8 part Vitamin E oil
- \* Essential Oils
  - \* lavender, rosemary, tea tree

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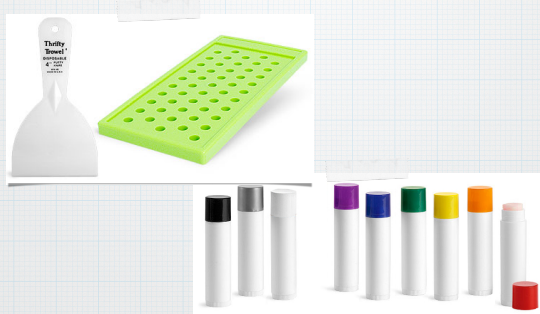
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## Basic Lip Balm



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## Basic Lip Balm

- \* 1 oz. Sweet Almond Oil
- \* 2 oz. Olive Oil
- \* 2 oz. Shea or Cocoa Butter
- \* 1 1/4 oz. Beeswax
- \* 30- 40 drops essential oil
  - \* will fill 24- 1/4 oz. tubes

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## Lotion Bars

- \* 3 oz. Liquid Oil
- \* 3 oz. Solid Oil
- \* 4 oz. Beeswax
- \* 30- 40 drops essential oils)

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## Basic Body Lotion

### \* Oils Phase (48%)

- \* 325 gr. Olive Oil (32.5%)
- \* 50 gr. Sweet Almond Oil (5%)
- \* 25 gr. Coconut Oil (2.5%)
- \* 40 gr. Jojoba Oil (4%)
- \* 10 gr. Cocoa Butter (1%)
- \* 75 gr. Beeswax (7.5%)
- \* 5 gr. preservative (.5%)

### \* Water Phase (50%)

- \* 447 gr. Distilled Water (47%)
- \* 10 gr. Borax (1%)
- \* 15 gr. Glycerine (1.5%)
- \* Miscellaneous Phase (.6%)
- \* 6 gr. Essential Oil (.6%)

## Soap

### \* Recipe in Ounces

- \* 6 oz Olive Oil
- \* 5 oz Palm Kernel Oil
- \* 4 oz Coconut Oil
- \* 1 oz Emu Oil
- \* .25 oz Beeswax
- \* 2.46 oz Lye
- \* 6 fl oz Water

### \* Mix the Lye- adding lye to water NOT the other way around

- \* Let it cool to 120-170'
- \* Heat the Oils to same temp as lye solution
- \* Mix together with a stick blender until trace is achieved. (as thick as whipped cream.
- \* Pour and cure for 4-6 weeks

## Suppliers Ingredients

### \* Mountain Rose Herbs

- \* supplier for traditional and organic ingredients
- \* [www.mountainroseherbs.com](http://www.mountainroseherbs.com)

### \* Lorann Oils

- \* Local Michigan supplier offers wholesale prices
- \* [www.lorannoils.com](http://www.lorannoils.com)

## Suppliers Ingredients

### \* Majestic Mountain Sage

- \* one-stop supplier for soap and cosmetic making materials.
- \* great resource for recipes and a lye calculator for soap making
- \* <https://www.thesage.com/index.html>

### \* From Nature with Love

- \* a wonderful supplier of cosmetic materials
- \* <https://www.fromnaturewithlove.com>

### \* Grocery Stores, Pharmacies, Health Food Stores



## Suppliers

### Packaging

#### \* Specialty Bottle

\* California

\* [www.mountainroseherbs.com](http://www.mountainroseherbs.com)

#### \* SKS Bottle & Packaging

\* New York State

\* [www.sks-bottle.com](http://www.sks-bottle.com)

#### \* Sunburst Bottle

\* California

\* [www.sunburstbottle.com](http://www.sunburstbottle.com)

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## Questions?

\* Soap Crafting: Step-by-Step Techniques  
for Making 31 Unique Cold-Process  
Soaps

\* Organic Body Care Recipes: 175  
Homemade Herbal Formulas for Glowing  
Skin & a Vibrant Self

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