

# How to Make Organic Lip Balm

Group 1: Amanda/23, Kimaya/27, Aurel/9, Cleo, Shianne/10, Rinjani/33



## Ingredients:

- Beeswax
- Shea butter
- Recycled oil
- Fragrance

## Tools:

- Bowl
- Spatula
- Cooking pot
- Lip Balm packaging
- Pipette

## Production Process

### Oil Cleaning Process

1. Prepare flour and half a glass of water, then dissolve the flour in the water, stirring until fully combined.
2. The **used cooking oil** is heated over low heat but not brought to a boil.
3. The flour mixture is poured into the oil, continuously stirred with a heat-resistant spatula until the flour forms clumps and gathers leftover crumbs. **The mixture is then removed and drained.**
4. **The hot oil is cooled,** then filtered using a fine strainer.

### Lip Balm Making

1. Beeswax, shea butter, and oil are combined in a bowl.

2. The mixture is heated in a pot of boiling water until fully melted.
3. The solution is transferred to an empty jar. This step must be done quickly before the mixture solidifies.
4. The lip balm is left for about 10 minutes to cool and can be decorated.
5. The lip balm is ready to use.

## **Environmental Benefits**

**Reducing the Risk of Environmental Damage.** Oil that is improperly disposed of can contaminate groundwater, rivers, and oceans. By recycling used cooking oil, the risk of environmental damage is reduced.

**Reducing Waste for the Environment.** Natural lip balm containers are typically made of biodegradable or recyclable materials. Store-bought lip balms often use plastic packaging, contributing to plastic waste. This lip balm helps reduce plastic waste by using recyclable materials.

**Reducing Dependence on Non-Renewable Resources.** By using natural and renewable ingredients like beeswax, shea butter, and oil, this biotech lip balm reduces reliance on non-renewable resources, making it environmentally friendly.