

Formula for Liquid Laundry Soap - Front or Top Load Machine

Ingredients / Items Needed

- 4 Cups Hot Tap Water
- 1 Bar [Fels-Naptha Soap](#)
- 1 Cup [Arm & Hammer Super Washing Soda](#)*
- 1/2 Cup of [Borax](#)
- Saucepan
- Grater
- (A clean) Five-gallon Bucket with Lid
- Large stir stick or spoon
- Used and rinsed laundry detergent or fabric softener jugs (# jugs should equal about 10 gallons)
- Funnel (to fill jugs)
- Permanent Marker (to re-label jugs)

Instructions – Day 1

1. Grate the 1 bar of Fels-Naptha Soap and add it to saucepan containing 4 Cups of Hot Tap Water.
2. Stir continually over medium-low heat until the Fels-Naptha Soap dissolves and is melted.
3. Pour hot tap water into an empty five-gallon bucket until it is HALF FULL.
4. Add the following ingredients to the five-gallon bucket that is now half full of hot tap water:
 - Fels-Naptha melted soap mixture,
 - 1 Cup Arm & Hammer Super Washing Soda, and
 - 1/2 cup of Borax.
5. Stir the mixture of ingredients in the five-gallon bucket until all powder is dissolved.
6. Add more hot water to the five-gallon bucket until it is filled to the top.
7. Carefully stir the mixture of ingredients in the five-gallon bucket again.
8. Cover the five-gallon bucket with the lid and let mixture sit overnight to thicken.

Instructions – Day 2

1. The next day, remove the lid on the five-gallon bucket
2. Optional: Add 10-15 drops of essential oil per 2 gallons. Only add if mixture has cooled. Ideas: lavender, rosemary, tea tree oil.
3. Carefully stir the mixture in the five-gallon bucket with a stir stick or large spoon.
4. Using the funnel, fill the empty laundry soap jugs/containers HALF FULL with soap mixture and then fill rest of way with water. Shake before each use. (will gel)
5. In large and legible writing, label each container/jug of detergent with permanent marker as “LAUNDRY DETERGENT”

Yield

- Liquid soap recipe makes 10 gallons.
- Top Load Machine – 5/8 Cup per load (Approx. 180 loads)
- Front Load Machines – 1/4 Cup per load (Approx. 640 loads)

*Arm & Hammer “Super Washing Soda” – may be purchased in some stores or online. Baking Soda will not work, nor will Arm & Hammer Detergent – It must be sodium carbonate.