



Laundry Pillows: Formulas and application

Formula Components:

There are few patented formulas for laundry detergent products packaged in water soluble film for single-dose use. We have a patent pending on a new formulation method. This patent encompasses several new applications, methods of packaging and other uses. In addition to laundry, our patent scope includes fabric softeners and manual dish washing formulas, to be introduced at a later time.

In general, our detergent formulas contain 60% of active surfactant mixture. They are selected for functionality, biodegradability, and low toxicity to obtain a final product that is safe, biodegradable and performs well for the intended use. Our formulas DO NOT contain NPE, DEA-containing products or toxic solvents. They are also phosphate-free.

The current product we are offering (single dose laundry pillow, product code DP1) results in the same active detergent quantity than the current market leader. Our analysis of lower cost products showed they contain lower concentrations of active detergent than our pillows.

Based on feedback we've receive of our own version of liquid and laundry detergents, which our customers have been using for several years with excellent results, we recommend one Alondra Laundry Pillow per large load (10 lbs to 15 lbs) of soiled fabric.

Summarizing Product use:

- One Alondra Laundry Pillow (DP1) per load of 10 lbs to 15 lbs of soiled fabric
- Use in cold, warm or hot water
- Use in High Efficiency (HE) and regular machines
- Compatible with Chlorine bleach, Perborate bleach and Percarbonate bleach
- One Pillow dissolved in 2 gal to 3 gallons of water can be used as presoak
- It works well with hard and soft water
- Safe for Septic systems (pH adjusted close to neutrality, biodegradable components and very low preservative for the formula is self preserved due to the high concentration)

For Commercial Laundry machines (such as in Laundromats) use:

- 2 Pillows for a 35 lbs to 50 lbs machine
- 3 Pillows for 50 lbs to 75 lbs machine

Do not overuse this product. Extra pillows may cause excessive foaming with no additional performance benefit.

