

OUR STORY | OUR MISSION

*Baya*

# Ingredients Report



# Baya Formula

We've collaborated closely with a team of experts who share our vision of a cleaner, safer world. Together, we've crafted a formula that not only cleans effectively but also cares for your family and the environment.

At Baya, we take pride in being your go-to source for eco-friendly cleaning solutions. We've poured our hearts and souls into perfecting our laundry detergent sheets, and we're thrilled to introduce you to the results of our passion and hard work. Our journey to create the ultimate formula has been an incredible adventure.

We've taken inspiration from the Environmental Working Group (EWG) score data to ensure that every ingredient we use is as safe and biodegradable as possible. With Baya's laundry detergent sheets, you're not just getting a product; you're joining us on our mission to make the world a better place, one load of laundry at a time.

Welcome to the Baya family, where we make the world a better place, one wash at a time!

# Ingredients Transparency

At Baya, transparency is more than just a buzzword; it's a fundamental value we hold dear. We firmly believe that our customers have the right to know what goes into the products they bring into their homes.

That's why we've made it a point to disclose our ingredients proudly, both on our packaging and on our website. We take immense pride in sharing the safe, biodegradable components that make up our formulas. It's our way of empowering our customers to make informed decisions about the products they choose for their families and the environment. With Baya, you're not just getting a cleaning solution; you're getting a commitment to honesty, integrity, and the well-being of both your loved ones and our planet.

# EWG Skin Deep Score

The Environmental Working Group (EWG) Skin Deep score is a comprehensive evaluation system that rigorously assesses the safety of cosmetic and personal care product ingredients. EWG employs a meticulous process to scrutinize each ingredient, considering factors such as potential hazards, health concerns, and environmental impact. Based on their findings, they assign a score to each ingredient, with lower scores indicating safer options and higher scores raising potential concerns. This invaluable resource empowers consumers to make informed choices about the products they use, ensuring that safety and transparency are at the forefront of their decisions.

## Ingredients color map



SAFE



MODERATE



POTENTIAL HAZARD

## WEIGHT-OF-EVIDENCE APPROACH

A product's hazard score is not an average of the ingredients' hazard scores. It is calculated using a weight-of-evidence approach that factors in all of the hazards or health impacts associated with the ingredients.

**1-2**

## Sodium Dodecyl Sulfate/Sodium Lauryl Sulfate

- i** Used in cosmetics and pharmaceuticals as a fat emulsifier, wetting agent, and detergent. Sodium Lauryl Sulfate (SLS) is an anionic surfactant naturally derived from coconut and/or palm kernel oil. SLS is readily biodegradable and does not persist in the environment.

**1**

## Polyvinyl Alcohol (PVA)

- i** PVA keeps our laundry detergent sheets compact. PVA is a non-toxic and biodegradable material, which makes it an eco-friendly choice for many applications.

**1-2**

## Glycerin

- i** Glycerin (also called glycerol) is a naturally occurring alcohol compound and a component of many lipids. Glycerin may be of animal or vegetable origin. Glycerin is a biodegradable substance, meaning that it can be broken down by microorganisms.

**1**

## Sodium citrate

- i** Citrate, in the form of citric acid, is also found in citric fruits and juices. Sodium citrate is readily biodegradable, it is not expected to bioaccumulate in the environment. Due to its high water solubility, citric acid is unlikely to adsorb to soil or sediment.

**1-2**

## Citric acid

- i** Citric acid is naturally found in citric fruits and juices, providing the characteristic acidic taste. It is mainly used as a preservative and is fully biodegradable.



**1**

## Alkyl ethoxy polyglycoside

-  Alkyl polyglycoside is a biodegradable ingredient derived from plant starch and fatty alcohol from coconuts. 'Green' surfactant in a liquid form and is completely biodegradable. Utilized in personal care as a cleansing agent,

**1**

## Tetrasodium glutamate diacetate

-  Is a high purity, versatile, and readily biodegradable chelating agent based upon L-glutamic acid, a natural and renewable raw material which helps detergents and shampoos and gels from discoloration.

**1**

## Kaolin

-  Kaolin is a rock from which the clay mineral kaolinite is derived. Kaolin absorbs sebum and prevents pore clogging. It's used to draw out impurities and toxins from the laundry.

**1**

## Quillaja Saponaria (Soapbark) Bark Extract

-  Quillaja Saponaria Bark Extract is an extract of the bark of the quillaja, Quillaja saponaria. Used for many years as a detergent, is a natural ingredient, therefore biodegradable.

**1-5**

## Cocamidopropyl Betaine

-  Cocamidopropyl betaine is a synthetic fatty acid made from coconuts, and makes products feel creamier and adds viscosity. Cocamidopropyl betaine is readily biodegradable, according to the OECD 301 guidelines for biodegradability.

**1**

## Lauramidopropylamine oxide

-  Lauramidopropylamine oxide is a great foam boosting agent, making our laundry detergent sheets efficient. Biodegradable and great eco-friendly swap.

**1-2**

## Helianthus Annuus (Sunflower) Oil

-  Sunflower oil is extracted from the seeds of the sunflower, Helianthus annuus. It has great moisturizing properties, leaving your clothes soft. Naturally occurring, therefore friendly with our nature and our laundry.

**1-2**

## Protease

-  Proteolytic enzymes (proteases) are enzymes that break down protein. These enzymes are made by animals, plants, fungi, and bacteria. Protease gets back where it belongs - in nature.

**1**

## Camellia Oleifera (Tea Oil Camellia) Leaf Extract

-  Camellia sinensis (the best-known type of green tea), it is a rich source of antioxidants and a welcome addition to any skin care product. It has antibacterial properties, cleaning your laundry in a safe, natural way. And of course, is kind to you and to the earth.

**1-2**

## Sodium carbonate

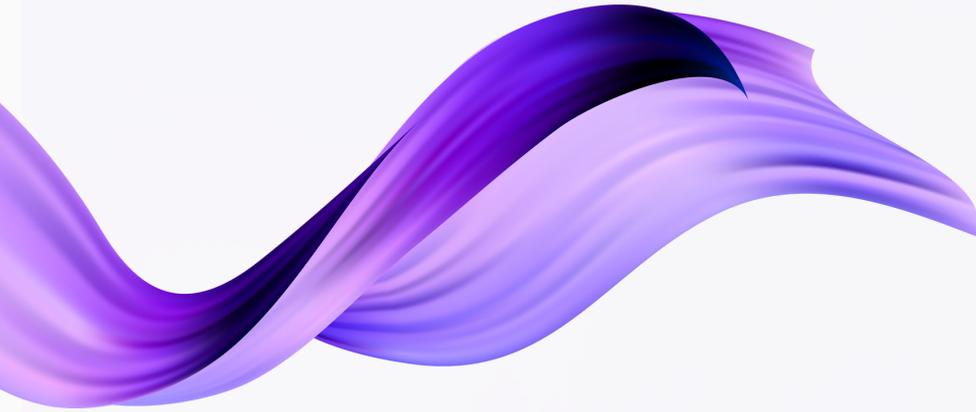
-  The safest cleaner everyone has in their houses, sodium carbonate is an efficient cleaning agent, that can be used in many ways. With its ability to break down dirt and oil on your skin, sodium carbonate is also used in skincare and haircare products to regulate pH levels. And safe for the environment!

# 1

## Cellulase



In laundry detergents, cellulases help to remove and break down stubborn stains and dirt that are composed of cellulose, such as grass stains, food stains, and other organic residues. The enzymes weaken the structure of the stains, allowing them to be easily lifted and removed during the washing process. And of course, natural!



# References

<https://www.ewg.org/skindeep/>

<https://ecostore.com/au/ingredients/used-with-care/cellulases>

<https://echa.europa.eu/bg/home>

# Thank you!

Thank you for taking the time to read this report. If you have any questions or would like to discuss our findings further, please don't hesitate to reach out to us.

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