

Team name: No.1
User name: Becky Liu
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Personal Product I use:



Name: Crest Fluoride Toothpaste for Anticavity, Antigingivitis and Sensitive Teeth

Brand: Crest

Hazard Rating: 4

- MODERATE Cancer
- MODERATE Allergies & Immunotoxicity
- MODERATE Developmental and Reproductive Toxicity
- HIGH Use Restrictions

Most concerning ingredient:

3 CI 42090 (FD&C Blue No. 1 or D&C Blue No. 4) Data Availability: Good

FUNCTION(S) hair dyeing, colorant

CONCERNS

- Cancer (moderate)
- Developmental/reproductive toxicity (low)
- Use restrictions (high)
- Neurotoxicity (low)
- Endocrine disruption (low)
- Persistence and bioaccumulation (moderate)
- Non-reproductive organ system toxicity (moderate)
- Multiple, additive exposure sources (low)
- Irritation (skin, eyes, or lungs) (moderate)
- Contamination concerns (ANILINE and CADMIUM)

3	PROPYLENE GLYCOL	Data Availability: Fair
FUNCTION(S)	humectant, skin conditioning, solvent, viscosity controlling, fragrance ingredient, skin-conditioning agent - humectant, skin-conditioning agent - miscellaneous, viscosity decreasing agent	
CONCERNS	• Allergies/immunotoxicity (moderate) • Enhanced skin absorption • Use restrictions (low) • Non-reproductive organ system toxicity (moderate) • Irritation (skin, eyes, or lungs) (high)	
LEARN MORE ABOUT THIS INGREDIENT		

A Better Alternative:



Name: OJOOK Bamboo Salt Toothpaste With nHA, Peppermint + Pine

Brand: OJOOK

Hazard Rating: EWG verified(The products meet the strictest criteria for transparency and health)

Cost: 20 dollars

What is the most surprising part during the challenges?

First I am shocked when I read the information on this website. I don't know if there is a website that collects a wide range of information related to the ingredients of every product we use in daily life. Now I know this product exists, so I will try to check them before I buy anything new in my house. Secondly, I am shocked that a lot of common products we use, like the toothpaste I show above, have hazardous materials that cause health risk and environmental risk, and I don't know that there are products that do better at protecting the environment and human beings. People need to have an understanding of how to choose the products that fit their needs and protect our planet, and hopefully by participating in Project Green Challenge, we can change some situations with our own strength.

Choose Better Toothpaste For Yourself For Environment

Product #1



Crest Fluoride Toothpaste for Anticavity, Antigingivitis and Sensitive Teeth

This is a product that has hazard rating level 4 (0-10). It has the moderate risk for causing cancer, allergies and developmental&reproductive toxic . Most ingredients have good scores based on EWG criteria, but there are some concerning ingredients. For example, Propylene Glycol might cause irritation in human bodies, bioaccumulation and contamination. In addition, one of the ingredient, 42090, is made from petroleum, which means it wastes natural resources.

Product #2

OJOOK Bamboo Salt Toothpaste With nHA,
Peppermint + Pine

This is the product that completely passes the strictest regulation of EWG standards. It provides full transparency of ingredients and avoid any hazard ingredients. Some ingredients include glycerin, hydrated silica, hydroxyapatite and sea salt, which are environmentally friendly and does not pose any significant health risks. The only setback for this product is that the cost is higher than toothpaste of Crest.



Compare & Contrast

Team No.1 Highly Encourage you to Choose products 2 for the following reasons:

- ✓ The brand avoids using the ingredients that harm human bodies. It has lower risk of causing cancer and allergic reaction, giving consumers better experience.
- ✓ The brand avoids using the ingredients that consume limited natural resources. Ingredients such as sea salts and water are common in daily life.
- ✓ The data availability in product 2 is higher than in product 1. The brand discloses any ingredient information.



Tips before buying new products:

- Go to EWG official website, search the product you want to buy.
- Check for hazard value and data availability
- Check for ingredients that are marked with color red.
- Check for certificates. Choose cruelty-free brands.

Caption: We use a lot of conventional products in our life. However, we don't know some products that we usually use in our life contain hazardous materials that benefit neither human bodies nor the environment. It causes risks such as cancer, developmental or reproductive toxicity. In addition, the ingredients accumulate non-disposable waste on earth. Those ingredients will harm our children if we don't check carefully before buying any products. There are a lot of cheap and environmentally friendly products we can choose to make this world a better place.