

# GREENER DAY 21

The laundry detergent I use is called Tide Pods.

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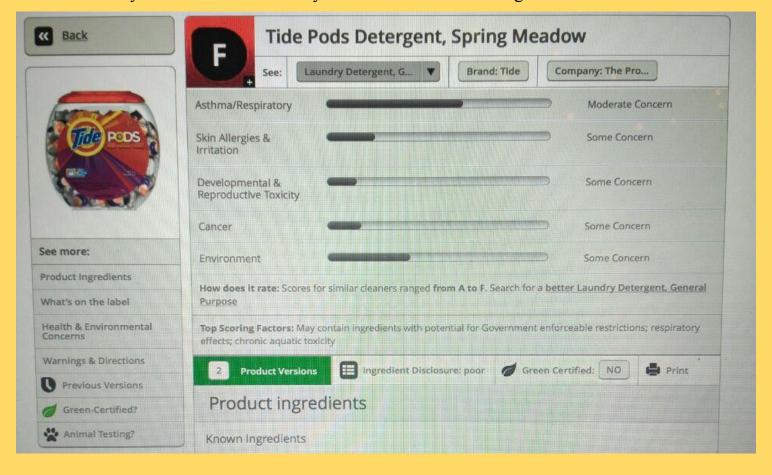
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The laundry products I use includes the brands Tide, Oxi-clean, Downy, Clorox, and more.

Retail Price: \$11.97



After searching this product on EWG's Guide to Healthy Cleaning, I did not find the exact product, but I did find a very similar which I am very sure contains the same ingredients. Here are the results:

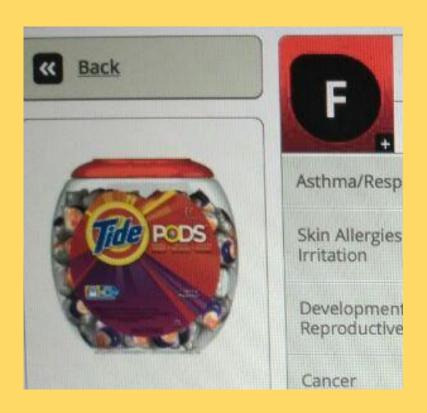


## This is a list of the product's ingredients on the same website. It also shows the score on how bad each ingredient is.

Product ingredients  Known Ingredients		ANIONIC SURFACTANTS	No data, some concern; <b>Disclosure Concern</b> : non-specific ingredient	
Ingredient	Health, Environment, and Disclosure Concerns	LINEAR ALKYLBENZENE SULFONATES	Moderate Concern: chronic aquatic toxicity; Some Concern: respiratory effects, acute aquatic toxicity, skin irritation/allergies/damage; Disclosure Concern: non-	
COLORS	High Concern: Government enforceable restrictions;  Disclosure Concern: non-specific ingredient		specific ingredient	
	Discourse concerns an aperical	C12-16 PARETH-9	No data, some concern	
FRAGRANCE	Some Concern; skin irritation/allergies/damage, acute aquatic toxicity, nervous system effects, respiratory effects, biodegradation; Disclosure Concern; non-specific ingredient	ALCOHOL ETHOXYSULFATES	Some Concern: chronic aquatic toxicity, acute aquatic toxicity, damage to DNA, respiratory effects, developmental/endocrine/reproductive effects, digestive	
DISODIUM DISTYRYLBIPHENYL	Moderate Concern: biodegradation		system effects, nervous system effects, damage to vision, cancer	
NONIONIC SURFACTANTS	No data, some concern; <b>Disclosure Concern</b> : non-specific	POLYETHYLENEIMINE ETHOXYLATES	No data, some concern	
	ingredient	POLYVINYL ALCOHOL	No data, some concern	
AZIRIDINE, HOMOPOLYMER, ETHOXYLATED	No data, some concern	PEG-136 POLYVINYL ACETATE	No data, some concern	
ENZYMES	No data, some concern; <b>Disclosure Concern</b> ; non-specific ingredient	MONOETHANOLAMINE CITRATE	Moderate Concern: respiratory effects; Some Concern: nervous system effects, general systemic/organ effects, skin irritation/allergies/damage	

### Ingredient list continuation:

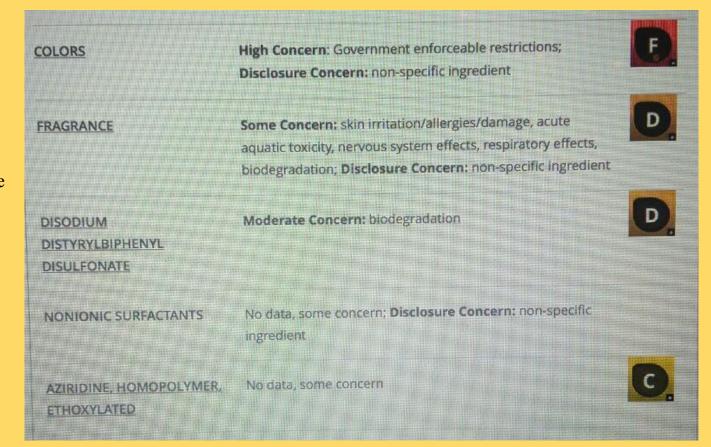
SODIUM BISULFITE	Some Concern: respiratory effects, skin irritation/allergies/damage	FORMIC ACID, CALCIUM	FORMIC ACID, CALCIUM SALT	
PENTASODIUM DTPA	Some Concern: chronic aquatic toxicity	MANNANASE	Disclosure Concern: non-specific ingredient	B
XYLOGLUCANASE and XYLOGLUCANASE	No data, some concern	SODIUM FORMATE	SODIUM FORMATE	
BENZISOTHIAZOLINONE	Moderate Concern: acute aquatic toxicity; Some Concern: skin irritation/allergies/damage, biodegradation	AMYLASE, ALPHA-	AMYLASE, ALPHA-	
ALKYL BENZENE SULFONATE, ETHANOLAMINE SALT	No data, some concern	SUBTILISIN		B
		PROPYLENE GLYCOL		A
ALCOHOL ETHOXYLATES (C12-16)	No data, some concern	WATER		A
ETHANOL, 2-AMINO-, COMPDS. WITH POLYETHYLENE GLYCOL	No data, some concern	GLYCERIN		A
HYDROGEN SULFATE C12-15- ALKYL ETHERS		FATTY ACIDS		A
1-(1- HYDROXYPROPOXY)PROPAN- 1-OL (DIPROPYLENE GLYCOL)	Some Concern: developmental/endocrine/reproductive effects, cancer, damage to DNA, respiratory effects, digestive system effects, nervous system effects, skin irritation/allergies/damage, damage to vision	HYDROGENATED CASTO	DROIL	A
		OLEIC ACID		A.



From A-F, this product was rated F in terms of concern. This means that it has the highest concern level, which is most likely caused by the required ingredients to create this product. Since it contains many harsh chemicals, I've considered using a different detergent as a substitute.

The top three ingredients are colors (F), fragrance (D), and disodium distyrylbiphenyl disulfonate (D), but since colors and fragrance aren't specific, I added the next two ingredients on the list.

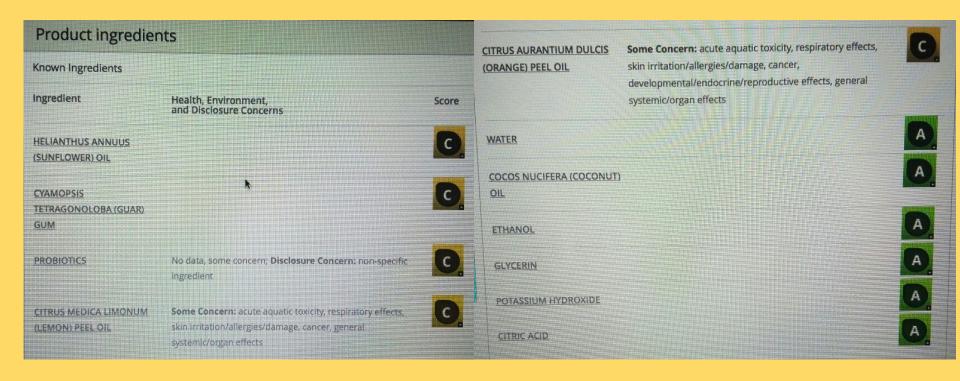
Those include nonionic surfactants (no rating) and aziridine, homopolymer, ethoxylated (C).





This is an alternate laundry detergent that I found on the website. I picked this one based on the concern rating, because it was rated an A. This product is called Fit Organic Laundry Detergent, Fresh Citrus. The retail price is \$15.99.

#### These are the ingredients and ratings in Fit Organic Laundry Detergent:



## Tide vs. Fit Organic

Today I learned that this
Tide product, as of many
other Tide products,
contains many
dangerous ingredients. A
few examples: color,
fragrance, disodium
distyrylbiphenyl
disulfonate, nonionic
surfactants, aziridine,
homopolymer,
ethoxylated, and more.





I chose this Fit Organic product as an alternate laundry detergent than I currently use. The reason to this is because of the healthier ingredients that this product contains.

According to EWG's Guide to Healthy Cleaning, it is a much better product to use.

Also, it is organic.

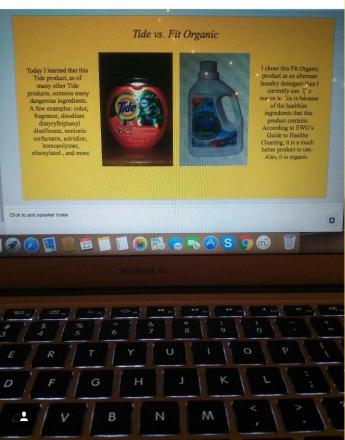
### Will I consider making the switch?

Yes: After researching about the product that I use, I learned many things that I did not already know. It contains so many bad and toxic chemicals. On the other hand, the alternate product that I chose had a lot less of these toxic ingredients which definitely would make me feel safer. Although the price is a bit higher, I think it would be worth the money for this change.

## Will I recommend it to my friends?

Yes: As much as I care about what the products I use contains, I also care about the safety of my friends. They deserve to know about this if they do not already know, because I wouldn't want them using toxic ingredients to wash their clothing like I do.





## **INSTAGRAM POST**









eandlgreen When you reach for conventional products, you should think about this question: What ingredients are required to create this product? After researching about the laundry detergent that I currently use, I learned that it contains many toxic and harmful chemicals. Because of this, I decided to look for an alternate. The product that I found is called Fit Organic, and it contains many less toxic ingredients than the detergent that I use.

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40 SECONDS AGO