

NAME-Nistha Singh

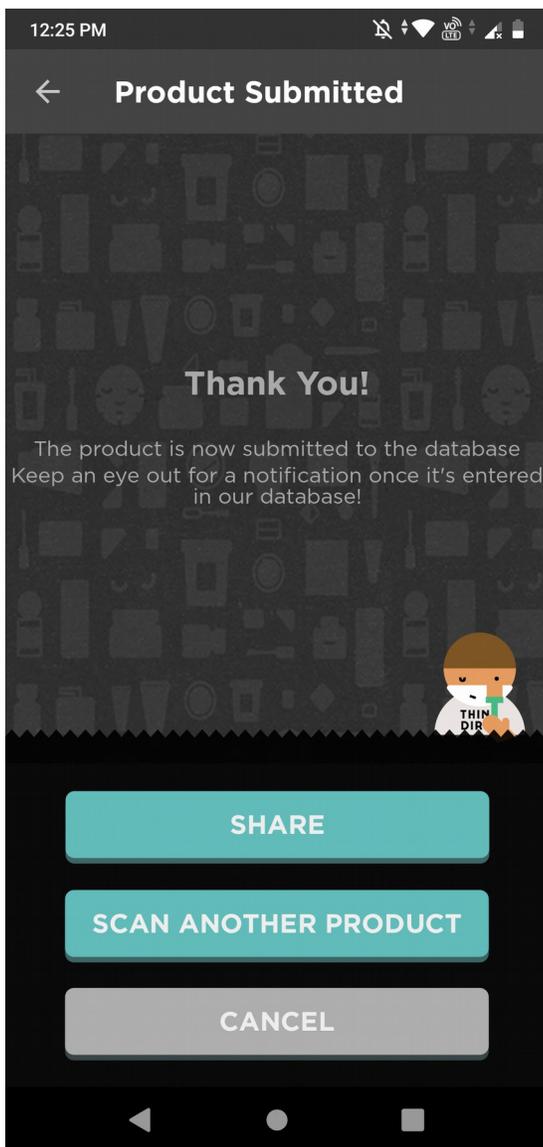
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1. According to your research, what is the overall hazard rating of your product?

Response : I was unable to calculate the overall hazard rating of my product as it has been not listed in any database which makes it very hard for me to calculate its hazard rating. But, I did my research on all of its ingredients.



2. How many ingredients did you find to be potentially hazardous? Share the most hazardous ingredient in your product and basis for that rating.

Response:



Even though my use of cosmetics is very limited but as my skin needs protection from sun,I am using this Lotus herbals' Safe sun Sunscreen from past 3 months. As Lotus has claimed itself from very starting a company that believes in products made from herbals. I started researching a little bit more on its ingredients through SAFE COSMETICS's RED LIST as I was unable to get more information on the resources that you listed.

The hazardous ingredients that I found are -:

a. Fragrance

--First of all,Fragrance doesn't specify what chemicals are actually used in creating it. But most of the researchers has shown in their case studies that Frangrance contains more than 15 chemicals like Acetaldehyde,Benzophenone et cetera. Which adversely affects kidneys and the reproductive, nervous and respiratory systems.And also ,it is known to cause cancer and tumours.

b. Methylisothiazolinone (MIT) and Methylchloroisothiazolinone (CMIT)

-- These are common preservatives found in many body care products and is linked to causing lung toxicity, allergic reactions and possible neurotoxicity yet irrespective of its harmful effects,it is continues to use.

c. Methyl Paraben Sodium

-- This is also a preservative used to prevent the growth of microbes. This preservative can leads to endocrine disruption,cancer,developmental and reproductive toxicity. This again shows how government fails all of us in inculcating a law that just doesn't look for the security of humans from physical factors but also account of their health.

d. 2-Phenoxyethanol

-- It is also a stabilizer and another chemical of concern listed by SAFE COSMETICS. Its long term use can lead to severe reaction which can cause allergies and nervous system effect in infants.

3. Find a sustainable alternative for your conventional product at a local green grocer, body care shop or online retailer.

Response : A sustainable alternative for my conventional product would be :



a. Share the name, brand and ingredient list from your clean option and where you found it.

Response : NAME- Acure SPF day cream

BRAND-Acure

INGREDIENTS LIST-

Active Ingredients: Zinc Oxide 15.50%

Purpose Sunscreen

Inactive Ingredients : Allantoin, Aloe Barbadensis (Aloe Vera) Leaf Juice, Argania Spinosa (Argan) Kernel Oil, Bisabolol, Butyrospermum Parkii (Shea) Butter, Caprylhydroxamic Acid, Caprylyl Glycol, Cetearyl Alcohol, Cetearyl Glucoside, Cetearyl Oliviate, Coco-Caprylate/Caprates, Cocos Nucifera (Coconut) Oil, Coconut Alkanes, Ethylhexylglycerin, Glycerin, Heptyl Undecylenate, Hexylene Glycol, Lecithin, Niacinamide, Panthenol, Polyhydroxystearic Acid, Pullulan, Sclerotium Gum, Sodium PCA, Sorbitan Oliviate, Squalane, Tanacetum Annum (Blue Tansy) Flower Oil, Tocopherol, Xanthan Gum.

I found it on the prize store of PGC as I was looking to spend some of my points on my healthcare :)

b. What is the cost of the conventional product vs. eco-friendly product?

Response: Conventional product : 315 rupees (4.43 USD)

Eco-friendly product : 1349 Rupees(18.99 USD)

But again,as i mentioned we have different currency translation which account into a lot more .

c. Will you make the switch? Why or why not?

Response : Yes,I am willing to make the switch but i would have look and explore and research more on organic options since it is very costly .I might make my own DIY sunscreen but i would definitely not use my conventional product after looking and researching upon its harmful ingredients and its effects on my health that can be as severe as Cancer.

4. Create an infographic comparing the conventional and eco-friendly product. Include at least three facts on each side.

Response:

