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A Survey on Chemicals in Cosmetic Products

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Abstract: Across the world, everyone wants themselves to look beautiful, handsome and stunning, and for that people use many kinds of cosmetics. There are many sorts of cosmetics such as organic, inorganic and long lasting. This is detrimental to human health of future generation. This disturbing fact led authors to conduct a survey from randomly selected individual belonging to wide range of age bracket regarding their perspective on chemicals present in cosmetic and their long term effect on future generation.

Keywords: Cosmetic products, survey, allergy, branded cosmetic products, ingredients in cosmetics.

I. INTRODUCTION

In our day-to-day life, everyone wants to look smart and for that they use several cosmetic products. Some cosmetic products are harmful to skin because of their long-lasting results. Generally, when a cosmetic is created, several kinds of polymers are mixed. There are some substances which are harmful to health like Talc in talcum powder of Lakme [1]. The chemical mixing procedure is done by different kind of industries to give long lasting effects to customers. In the process of looking good, customers are forgetting that good skin is equally important. Due to lack of awareness in today's customer chemical-rich cosmetic products are getting carried away and being ignored by many customers.

People have become so obsessed with their looks that they can spend for themselves or their colleague so that they can use different kind of chemical-rich cosmetic products. In our survey we came across the awareness of people that though harmful impacts are there just for their long-lasting results, they are using cosmetic products.

Recently, we came across some natural, chemical-free cosmetic products that can be used instead of chemical-rich products and will also give glamourous look to customers such as Forest-Essentials [2].

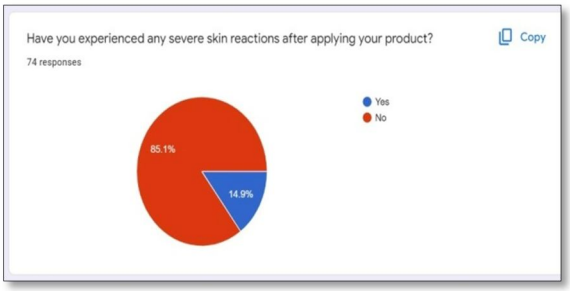
II. METHODS

We designed a survey that contained questions based on cosmetic related products.[3] The google form was sent to across 100 volunteers staying in Pune district of Maharashtra state of India. Among them, 85 responses were recorded which were belonging to diverse religions, occupations, different genders. Online google forms were created and sent through WhatsApp and e-mails to participate. Questions were based on awareness of chemicals in cosmetic products. The questions in the google form were directed towards awareness of chemicals used in most commonly used brands.

III. RESULTS AND DECISIONS

1) Q1. Regarding experience respondents observed for any allergic reactions of the cosmetic products.

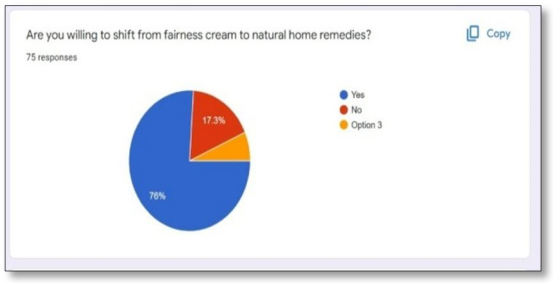
Sr. No.	Description	%
1.	Responded experienced the allergic reactions	85.1
2.	Responded did not experience the allergic reactions	14.9



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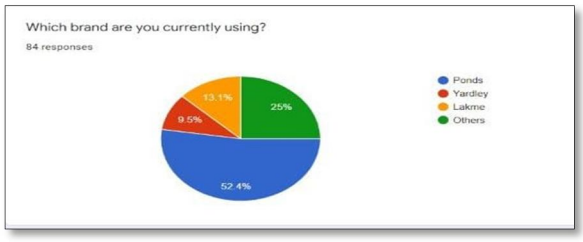
2) Q2. Regarding respondents willingness to shift from fairness cream to natural home remedies.

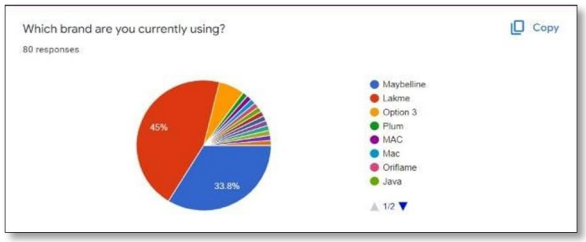
Sr. No.	Description	%
1.	Willing to shift to natural alternatives	76
2.	Not willing to shift to natural alternatives	17.3
3	No opinion	6.7

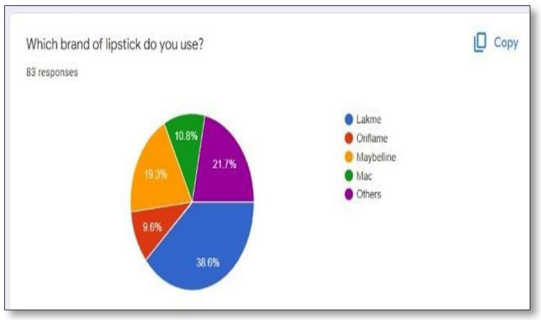


3) Q3. Which brand of cosmetics respondents are using currently?

Brand	Lipstick	Talc	Eye Products	Perfume	Fairness Cream
Lakme	38.6%	13.1%	45%	-	29.4%
Maybelline	19.3%	-	33.8%	-	-
Oriflame	9.6%	-	3%	-	-
Mac	10.8%	-	5%	-	-
Yardley	-	9.5%	-	10.7%	-
Ponds	-	52.4%	-	-	20.6%
Fogg	-	-	-	16.7%	-
Nivea	-	-	-	16.7%	5%

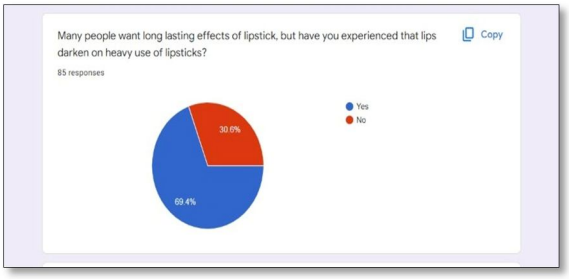






4) Q4. Have respondents experienced darkening of lips after using branded lipsticks?

Sr. No	Description	%
1.	Experienced the darkening effect	69.4
2.	Not experienced the darkening effect	30.6



IV. CONCLUSION

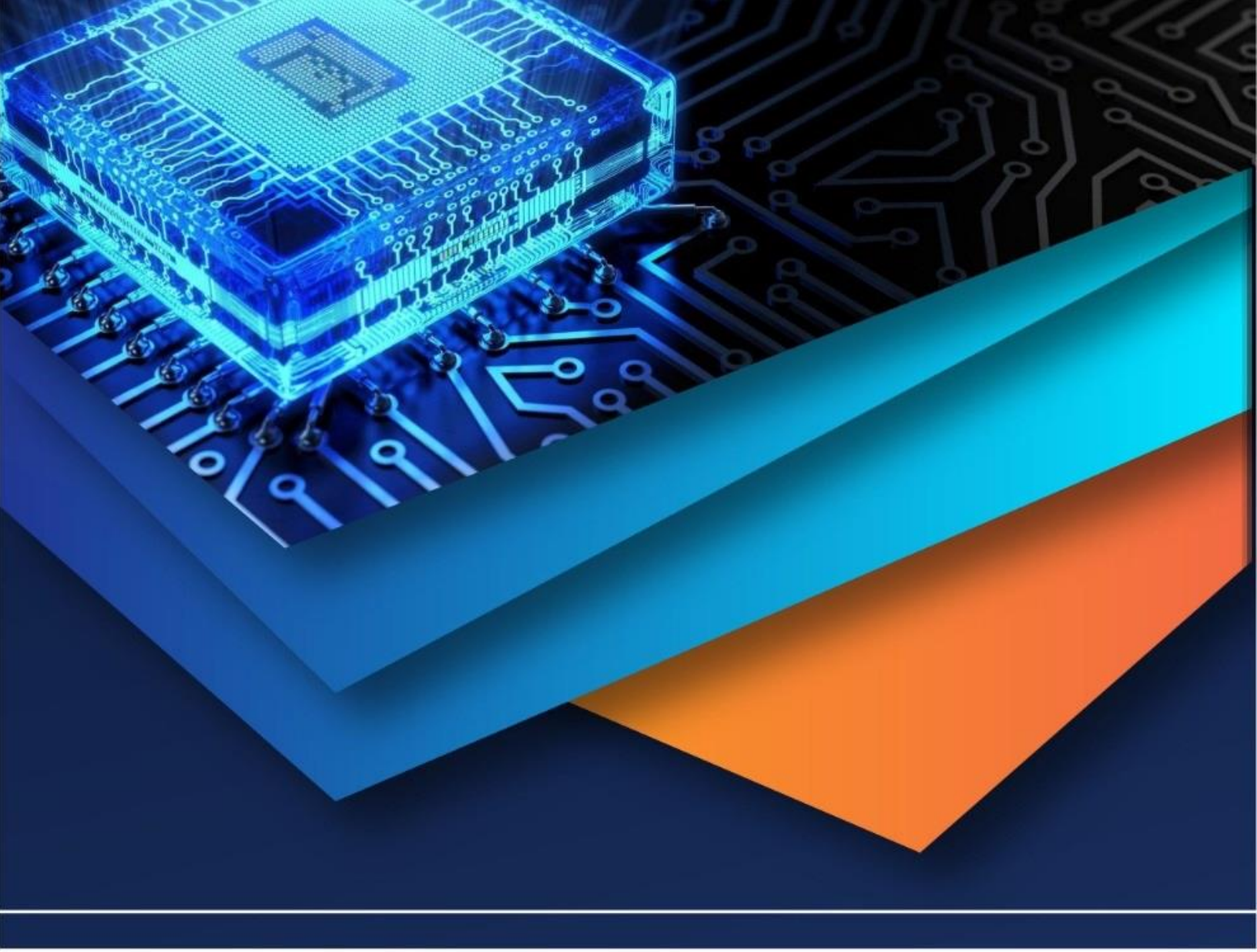
We have found that many people are willing to change from chemical products to natural products. People give more importance to their skin over their money as well as the quality of the product. Many people are aware of the fact that many harmful chemicals like talc, niacinamide, titanium dioxide, butyl parabens, geraniol, alpha isomethylionone.[4] have mild to severe side effects.

V. ACKNOWLEDGEMENT

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