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 WR 227-Technical Writing  
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Introduction:

There are many things to consider when purchasing cosmetics; a few of them seem to be that- well, quite honestly, they could literally kill you! I had never known this before this week, lucky for me I am minimally affected by the ignorance that I previously possessed. My wife on the other hand just threw away about \$300 in make-up, hair and other cosmetic products when I showed her my chemistry lab results acquired from testing her make-up bag.

Methods:

This paper is an informational report with a basic recommendation based on the results of a chemistry experiment and the data analyzed for the chemical compounds found in a selection of types of beauty products from: *freshMinerals and GiGi*. The research is well documented and the sources of information about product usage and regulation are readily available for free access on the *World Wide Web*.

Data:

**Table 1.0 - This table lists a few of the most dangerous chemicals that were found in a skin concealer put out by GiGi: "After Wax Skin Concealer"**

<i>GiGi. "After Wax Skin Concealer"</i>	<i>Chemical Formular</i>	<i>Description of common use</i>	<i>Information on known risk factors and studies</i>
Methylchloroisothiazolinone	C <sub>4</sub> H <sub>4</sub> ClNOS  (Wikipedia)	Methylchloroisothiazolinone is a widely-used preservative; has been associated with allergic reactions. (Skin Deep <sup>Â</sup> )	Known human immune system toxicant and lab studies on the brain cells of mammals also suggest that methylisothiazolinone may be neurotoxic. (Skin Deep <sup>Â</sup> )
Methylisothiazolinone	C <sub>4</sub> H <sub>5</sub> NOS  (Wikipedia)	Methylisothiazolinone is a widely-used preservative; has been associated with allergic reactions. (Skin Deep <sup>Â</sup> )	
Paraffinum liquidum	C <sub>n</sub> H <sub>2n+2</sub>   20 ≤ n ≤ 40  <i>**This formula is for all Paraffins.</i>  (Wikipedia)	It is a mineral oil, a liquid mixture of hydrocarbons obtained from petroleum. It is used as a skin protectant and conditioner, as well as an antistatic agent. (Skin Deep <sup>Â</sup> )	Possible human immune system toxicant. Human immune and respiratory toxicant. Limited evidence of it causing cancer. (Skin Deep <sup>Â</sup> )

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#### Results:

The results from this research along with the experiment previously performed and recorded are simple; there is no regulation on cosmetic producers, suppliers or distributors. This statement refers to the labeling of ingredients, warning labels, restriction compliance and truthfulness of producers' statements. The sad thing is that these companies do not even have to know what a chemical is to use it in their products. I found an eye shadow that has a chemical in it that has a specific restriction on its use by the FDA (which does not monitor cosmetics) that it should not be used around the eyes and it is a known toxin that can cause neurological disorders, cancer or any number of other conditions and ailments; this is common occurrence from the looks of these results.

#### Conclusion:

There is far too little regulation and monitoring of the cosmetic industry and its obligations to its consumers. A consumer cannot place any trust in what a company says on their product to try to sell it to you. These companies are knowingly lying to their consumers and endangering them in the process.

#### Recommendation:

Consumers have the responsibility to make their own selves aware of this situation and to find products to support whose producer is honest and actively engaged in the fight to raise awareness of the lack standards and monitoring of the cosmetic industry. Consumers need to pay specific attention to the cosmetic products they buy as they can be toxic to the consumer or even future offspring.



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