

What is the Better Makeup Remover?

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Science

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This experiment was to determine which of the five makeup removers removed the most makeup. The five makeup removers I had were water, petroleum jelly, Nivea Mizellenwasser Pfliegend, Baby Love Baby Oil, and Ulta Beauty Makeup remover facial towelettes. The makeup remover that removed the most makeup was determined by which makeup remover took less time to remove all the makeup.

Have you ever wondered about how much money you waste on makeup remover that does not work? Makeup remover does exactly what is in its title, makeup remover removes makeup. You need to remove makeup because if you do not, the makeup can trap dirt inside your skin. The best makeup remover was determined by which makeup remover removed the most makeup in the quickest time.

The outcome will be very helpful for the many people who wear makeup. The results of this experiment can help people know which of my five makeup removers is better so they can waste less money and time. The question I had at the beginning of this experiment was, what effect does the different types of makeup remover have on how much makeup is removed.

Research

A substance I used to remove my makeup was water. Water is a substance made up of hydrogen and oxygen. One of the makeup removers I used, petroleum jelly, is a combination of oils and waxes and its main ingredient is petroleum. I also used Micellar water. It's main ingredients, according to Typology Paris, are; purified water, glycerin, poloxamer 184, pentylene glycol, citric acid, sodium hydroxide, and cetrimonium bromide. Ulta Beauty cleansing wipes was one of my makeup removers. Arthur Julius who worked in the cosmetics industry invented the wet wipes which would later develop into cleansing wipes for makeup. Cleansing wipes active components are mostly the same to normal facial cleansers.

My final makeup remover was baby oil. According to Jed Adkins, the ingredients in a lot of commercial baby oil products are ninety-eight percent mineral oil and two percent fragrance. Mineral oil is a very purified liquid created from petroleum. Makeup remover helps your skin by erasing your makeup and any dirt that is left over on your skin. By erasing the dirt and makeup it helps prevent future development of any pimples or blackheads.

Makeup remover really works by breaking down makeup and keeping it broken up. With your makeup remover, it must be able to break up the connection between the makeup, and skin. It also must keep the makeup broken up. According to uniprix.com, “When you use makeup remover it washes away any cosmetics, pollution, or dirt from the surface of your skin or else the cosmetics, pollution, or dirt can cause irritation.” You use makeup remover by applying a small bit of the makeup remover to your face, (or a cotton pad) and gently rub it all over your face.

My independent variable was the different types of makeup remover. My dependent variable was the amount of makeup that was removed. The hypothesis I had before I started my experiment was, I thought that the Ulta Beauty Makeup remover facial towelettes will remove the most makeup because removing makeup is what it was made for. My constants were the makeup that was used, the type of skin that the makeup was applied to, the type of cotton ball with the makeup remover on it, the amount of time given to the removal, and the force applied. For my procedure I took my makeup, applied some to my hand, took my remover and timed how long it took to remove all of the makeup.

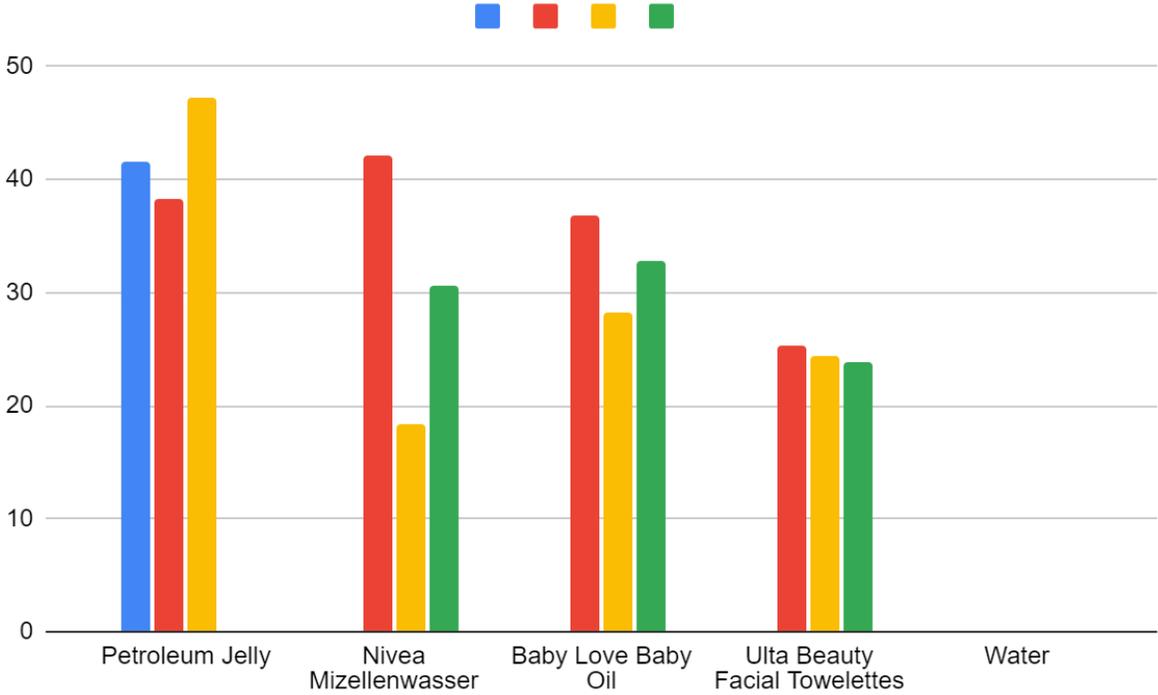
Procedure

I gathered my five different types of makeup, the four different types of makeup remover, and three cotton balls. To start my experiment, I took my L.A. Colors Brow Pencil and made a two-inch lengthwise line at the top of my hand. Then, I repeated that step with my thrive causemetics liquid lash extensions mascara, Ulta Beauty solstice eyeshadow, Ulta Beauty align blush, and Wet ‘n Wild bright red lipstick, (except they were all on different spots on my hand).

After that, I took my petroleum jelly and a cotton ball, and dipped half of the cotton ball into the petroleum jelly. I rubbed the cotton ball with petroleum jelly on my hand moderately hard but not so hard that I made my hand turn red and timed it to see how long it took for the makeup to fully come off. Then that information was recorded. Next, the prior steps were repeated for the additional makeup removing tools, I used Nivea Mizellenwasser Pflegend, Baby Love Baby Oil, Ulta Beauty Makeup remover facial towelettes, and water.

My experiment showed that Ulta Beauty Facial Towelettes took the least time to erase all of the makeup and that water took the most time to erase all of the makeup. During my science fair experiment I noticed that the mascara was hardest to apply. I also noticed that the lipstick was hardest to remove. As expected, from me and the research I did, water took the most time to remove all of the makeup.

	Petroleum Jelly	Nivea Mizellenwasser	Baby Love Baby Oil	Ulta Beauty Facial Towelettes	Water
1st Trial	41.55 seconds	42.15 seconds	36.79 seconds	25.22 seconds	1 minute and 41.69 seconds
2nd Trial	38.30 seconds	18.32 seconds	28.30 seconds	24.40 seconds	1 minute and 10.83 seconds
3rd Trial	47.26 seconds	30.58 seconds	32.75 seconds	23.79 seconds	1 minute and 33.47 seconds



The Petroleum Jelly, Nivea Mizellenwasser, and Baby Love Baby Oil are not bad makeup removers. If the Ulta Beauty Facial Towelettes did not work for you I suggest you use Nivea Mizellenwasser. The makeup removers which took the least amount of time to remove all of the makeup in order are: Ulta Beauty Facial Towelettes, Nivea Mzellenwasser, Baby Love Baby Oil, Petroleum Jelly, and water. The things that affected my data was the lack of light in the room, not washing hands in between trials, and putting on too much or too little makeup.

My hypothesis was correct. At the beginning of my experiment I made an educated guess that the Ulta Beauty Facial Towelettes would remove the most makeup in the least time because that is what they were made for. If I repeated this experiment I would go into the room in my house with the most light so I could see if the makeup was actually fully removed. I would wash my hands in between trials so no leftover makeup remover would stay on and affect the next trial. If myself or another scientist continued my research we would try to create a makeup remover that has a positive trait from each of the five makeup removers I used. This experiment is important to the world because it helps the many people who wear makeup. It shows which of my five makeup removers is worth spending money on instead of wasting money on worthless makeup remover.

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