

The Difference Between “Organic” vs “Chemical-Free”

“Organic”

Ingredients farmed and processed without pesticides, chemical fertilizers, GMOs, sulphates/parabens or antibiotics. At least 70% of the product's ingredients must be organically farmed to be rewarded the Organic label.

“Natural”

Products contain ingredients which are derived from nature, but may contain some preservatives and/or natural chemicals of 30% or more. These chemicals are not always harmful and can still be completely safe to use.

“Synthetic”

These ingredients are entirely lab-produced containing 0% naturally occurring elements or compounds and is then added as a preservative, to lengthen shelf-life, emulsifiers to bind water & oils and various other reasons.

What is the “Organic” hype and why is it so important to know?

“Natural”, “Organic”, “Chemical-Free” – It all sounds wonderful, but what on earth does this all mean!? If you're feeling a little overwhelmed by all these jargons, not to worry, we are here to help clarify.

Let's picture ourselves walking through the aisles of the pharmacy or the beauty store in search for the perfect product, between thousands, that will meet all our needs; that won't cost us an arm and a leg or half a liver and that will guarantee us promised results!

Yes, the smells are delightful, but if it were synthetic, wouldn't we rather let that fragrance slide for the product that is labeled “Organic” instead? Of course we would, because it is said to be good for us - and it certainly is! The origin of the word 'organic' comes from the Greek word 'Organikos', relating to the organ of a body. This word was later generalized to mean characteristics pertaining to, or derived from, living organisms like plants.



Now, let's get down to cellular level – If we ingest a synthetically produced (man-made/lab produced) product, it is not equivalent to the natural substance of the anatomical human body. We have a “hero”-cell in our body to protect us against any foreign objects that may try to enter and hurt us in this case. These cells are immediately alerted to attack these “foreign” substances (which the Organikos or “organs” of the body doesn't recognize). Introducing - The Macrophage! This is our 911 cell; it's the first cell to recognize and engulf (destroy) foreign substances. When the substance is too overwhelming it causes an immune-response resulting in some allergies, inflammation and in worst cases, fatalities. This is why we strive to eat and apply products to our skin that are Organic.

Pure
Ozone
NATURAL SKIN CARE



“Let Food Be Thy Medicine And Medicine Be Thy Food”

- Hippocrates

Good News! Our products are Organic, Natural, Synthetic-Free, Safe, Effective and Affordable! What more could we ask for.

Some popular examples of Synthetic (Lab-produced) chemical-toxins added to products that we need to look out for and avoid as much as possible:

- *Butylated hydroxyanisole (BHA) and butylated hydroxytoluene (BHT)
- *Formaldehyde & formaldehyde releasing agents
- *N-Ethylpentadone (NEP) and N-Methyl-2-pyrrolidone (NMP)
- *Oxybenzone
- *Parabens
- *Per- and poly-fluoroalkyl substances (PFAS)
- *Phthalates
- *Siloxanes
- *Talc
- *Toluene
- * Methylisothiazolinone
- *Polyethyleneglycol

You may ask the following question:“Oxygen is a chemical, so why are products that contain chemicals harmful?”

Excellent question! Not all of these products are harmful. Not all chemicals are harmful and not all products containing chemicals are supposed to be out of the question. Here’s why:

Oxygen is a chemical and we breathe it in as an essential and crucial element to be “ah ah ah ah stay’in alive, stayin alive”! Chemicals are everywhere in nature around us and naturally found in the food we eat and the water we drink. The number of the naturally-occurring chemicals in food is probably in the hundreds of thousands. For example, potatoes contain at least 150 chemical-compounds in addition to the nutritionally important proteins, carbohydrates, minerals and vitamins. All products have a form of chemistry inclusive to them.

There are natural (good) chemicals and there are toxic (bad) chemicals.

Stating that a product is completely chemical-free, is entirely inaccurate, because natural chemicals exist everywhere around us in nature, however, stating that it is 100% organic, Natural or Synthetic-free, now that is definitely realizable.

“Living Organic Isn’t A Trend, It’s A Return To Tradition – The Pharmacy”

Thus, we need not to be too concerned about the word “Chemical”, there are some good ones out there, (wink).

Now, alas! The dirty details, shall we? Toxic chemicals, hazardous synthetics, harmful ingredients, what are they, who do they work for? Why are they added to the products we consume and/or apply to our skin?

I, for one, used to prefer a hairspray that protects my hair against the heat of my dryer, however, after I have learnt about certain products that contain specific chemicals like propylene glycol, to achieve this goal, I have since tried to avoid those specific products as much as possible. Thankfully, there are safer alternatives to these products that work just as well, if not better!

Synthetic ingredients are added to cosmetics and food, because It allows for tastier food, higher vibrance in color, products last much longer, fabricate water-proof & heat-resistant products, adds appealing fragrances, alters the desired texture of the product and much more “benefits” which many consumers still value.





Studies conducted on added harmful chemicals

Over the past 3 decades, in a series of studies on some of the most extensively studied toxic chemicals and pollutants, scientists have found that the amount of toxic chemicals linked with the development of a disease or death—which is central to determining "safe" or "hazardous" levels—is proportionately greater at the lowest dose or levels of exposure. These results, which are contrary to the way the United States Environmental Protection Agency (EPA) and other regulatory agencies assess the risk of chemicals, indicate that we have underestimated the impact of toxic chemicals on death and disease. If chemicals and pollutants like radon, lead, airborne particles, asbestos, tobacco, and benzene do not exhibit a threshold and are more toxic at the lowest levels of exposure, we will need to achieve near-zero exposures to protect public health.

PureOzone Cares About You!

We absorb up to 60% of what we apply to our skin. Exposure to toxic chemicals, among others, link to cancer, birth defects, hormonal imbalances, infertility, allergies, skin diseases, learning disabilities, kidney/liver/brain abnormalities etc.

>California issued *Growing Up Toxic* states that from 2003 to 2007, the number of parent-reported diagnoses of attention-deficit hyperactivity disorder (ADHD) in their children increased more than 20 percent, with as many as one in ten children now affected.

>A population study conducted by the CDC published in the March 2004 issue

demonstrated that 97% of 2,540 individuals tested had been exposed to one or more phthalates altering natural hormone levels.

>Another study conducted at the Harvard School of Public Health published in the July 2003 issue showed a correlation between urinary issues, metabolite concentrations and DNA damage.

>Organizations such as the nonprofit Environmental Working Group (www.ewg.org) have analyzed many common products and provide information about potential safety concerns. They have recently found benzene, a known carcinogen, in some popular sunscreen sprays.

PureOzone products are organic, natural, 100% Safe for you, your family and the environment, effective, synthetic-free, cruelty-free, vegan, plant-based and it works!

Bryant McGill once said: "Health is a priceless wealth, so invest while you can!"

Let's try our best to create a safer, cleaner, healthier life and environment for ourselves, others and mother-earth!

Be pure, be authentic, be the best you by staying Informed – Staying Healthy!

References:
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