

# VeganicSKN

# 100% ORGANIC VEGAN

World's First  
ACTIVE INGREDIENT  
**ZinCLEAR**  
PHARMACEUTICAL GRADE  
Sunscreens



Our Anti-Pollution SPF50 Sunscreens deliver a **Non-Greasy, Premium Barrier Cream** feel and are effective against UVA/UVB/UVC, blue light and most common environmental contaminants e.g. diesel particulates and acid rain

AU, US & EU SPF RATED AUSTRALIAN MADE  
IN A GMP, TGA & FDA LICENSED FACILITY





## Estimated Search Volume on Amazon US (Jul 18, 2020 – Jul 3, 2021)

Products	Estimated Search Volume	Proportion of <b>Organic</b> Searches
<b>Organic</b> Sunscreen	875,000	8.55% ✓
Sunscreen	10,233,000	
<b>Organic</b> Baby Lotion	277,000	13.32% ✓
Baby Lotion	2,080,000	
<b>Organic</b> Face Moisturizer	328,000	15.08% ✓
Face Moisturizer	2,175,000	
<b>Organic</b> Anti Aging Face Cream	31,000	16.06% ✓
Anti Aging Face Cream	193,000	
<b>Organic</b> Brightening Cream	11,000	4.15% ✓
Brightening Cream	265,000	
<b>Organic</b> Anti Acne Treatment	34,000	5.61% ✓
Acne Cream	606,000	

## Public Opinion: **Organic** is in

“28% of consumers said the move to online shopping in light of Covid lockdowns made them more likely to buy **organic** beauty and wellbeing products.”[2]

[2]

[https://cosmeticsbusiness.com/news/article\\_page/Consumers\\_more\\_likely\\_to\\_buy\\_organic\\_with\\_move\\_to\\_online\\_shopping/175097](https://cosmeticsbusiness.com/news/article_page/Consumers_more_likely_to_buy_organic_with_move_to_online_shopping/175097)

A survey commissioned by the Cancer Council of 1000 Australians recently found that “nearly half of respondents believed that sunscreen contained chemicals that were bad for you and could even cause cancer” [1]

[1] [Are chemical sunscreens safe to use? | Cancer Council](#)

## Risk Management: UV Ray Exposure

**“For employers or persons conducting a business or undertaking (PCBU), it’s your duty to use a risk management approach to protect you workers as outlined in the [Work Health and Safety Act 2011](#)”**

**“Any broad-spectrum sunscreen with an SPF30+ rating or more will give good sun protection if it’s applied properly. This means ... using **zinc cream** for lips, ears and nose for extra protection” – [Work Safe QLD Safety and Prevention](#)**

**“PPE must be provided by a PCBU unless it has already been provided by another one. For example a business may not need to provide PPE if the worker’s labour hire company provided them with it.” – [Safe Work Australia | Personal Protective Equipment](#)**

**“According to work health and safety laws, you’ve required to review your control measures in the following situations:**

- When you become aware that a control measure isn’t working
- When there’s been a change that might give rise to a new risk
- When you identify a new hazard or risk”

**– [Work Safe QLD Safety and Prevention](#)**



### ZINC ANTI-BACTERIAL AND WOUND HEALING

“Zinc Oxide was used in many ointments for the treatment of injuries and boils even in 2000 BC.” [3]

“Of all natural and synthetic wound dressing materials, the chitosan hydrogel microporous bandages laced with zinc oxide nanoparticles are highly effective in treating burns, wounds and diabetic foot ulcers.” [3]

[3]<https://nanoscalereslett.springeropen.com/articles/10.1186/s11671-018-2532-3>

### PREGNANCY AND CHILD SAFETY

“Zinc is known to play a critical role in biological processes including cell growth, differentiation and metabolism and deficiency in this micronutrient restricts childhood growth and decreases resistance in infection, which contribute significantly to morbidity and mortality in young children.”

[4] [https://www.who.int/elena/bbc/zinc\\_stunting/en/](https://www.who.int/elena/bbc/zinc_stunting/en/)

### UVA/UVB BROAD SPECTRUM

“Of the available sunscreens, only zinc oxide provides effective protection across the UV band range of 240 to 400nm, covering UVC (240 to 280nm), UVB (280 to 320nm), UVA 2 (320 to 340nm), and UVA 1 (340 to 400nm). [5]

[5] <https://www.spiedigitallibrary.org/journals/journal-of-biomedical-optics/volume-25/issue-1/014509/Noninvasive-in-vivo-human-multiphoton-microscopy--a-key-method/10.1117/1.JBO.25.1.014509.full?SSO=1>  
<https://beautybusinessjournal.com/the-organic-cosmetics-market-is-growing-naturally/>

### SKIN VITALITY

“Topical zinc therapy is underappreciated even though clinical evidence emphasizes its importance in autodebridement, anti-infective action, and promotion of epithelialization.” [6]

Note: Autodebridement: ‘self’ removal of dead/damaged/infected tissue [6]

Epithelialization: Proliferation of skin cells [6]

“Because zinc acts as an enzyme cofactor, it assists in collagen synthesis and DNA repair, which can help keep skin looking younger and healthier.” [7]

[6] [Zinc in wound healing: Theoretical, experimental, and clinical aspects - Lansdown - 2007 - Wound Repair and Regeneration - Wiley Online Library](#)

[7] [Zinc for Skin: The Complete Guide \(byrdie.com\)](#)

[8]<https://www.who.int/whr/2002/chapter4/en/index3.html>

[9]<https://www.mdpi.com/20726643/9/6/624/htm#:~:text=According%20to%20the%20WHO%2C%20zinc%20deficiency%20is%20currently,18%25%20of%20malaria%2C%20and%2010%25%20of%20diarrheal%20diseases>

[10]<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5490603/>

[11]<https://www.who.int/whr/2002/chapter4/en/index3.html>

[12]<https://www.who.int/whr/2002/chapter4/en/index3.html>

### ZINC DEFICIENCY (BLOOD STREAM)

“Worldwide, about two billion people are estimated to be affected by zinc deficiency.” WHO (2017) [8]

“According to the WHO, zinc deficiency is currently the fifth leading cause of mortality and morbidity in developing countries” [9]

“There is strong evidence between zinc deficiency and several infectious diseases such as malaria, HIV, tuberculosis, measles, and pneumonia.” [10]

“Worldwide, zinc deficiency is responsible for approximately 16% of lower respiratory tract infections, 18% of malaria and 10% of diarrhoeal disease.” [11]

In total, 1.4% (800,000) of deaths worldwide were attributable to zinc deficiency: 1.4% in males and 1.5% in females.” [12] Attributable DALYs (Disability Adjusted Life Years) were higher, with zinc deficiency accounting for about 2.9% of worldwide loss of healthy life year (2.2 Years) Potential 2.42 Billion Life Years” [13]

[13]<https://www.nimh.nih.gov/health/statistics/global/index.shtml#:~:text=The%20burden%20of%20disability%20associated,death%20within%20a%20given%20population>

Our Anti-Pollution SPF50 Sunscreens deliver a **non-greasy, premium barrier cream feel** and are effective against UVA/UVB/UVC, blue light and most common environmental contaminants e.g. diesel particulates and acid rain

## SUNSCREENS

BRAND	PRODUCT	100% ORGANIC +ZinCLEARXP	SOME ORGANIC INGREDIENTS	VEGAN	SPF	AU MADE	SIZE (g)	PRESERVATIVE FREE
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Facial Sunscreen SPF50	✓		✓	50	✓	60	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Facial Sunscreen SPF50	✓		✓	50	✓	100	✓
Premium Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Facial Sunscreen with Hyaluronic Acid SPF50	✓		✓	50	✓	100	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Sport Sunscreen SPF50+	✓		✓	50	✓	60	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Sport Sunscreen SPF50+	✓		✓	50	✓	100	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Body Sunscreen SPF50	✓		✓	50	✓	60	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Body Sunscreen SPF50	✓		✓	50	✓	100	✓
Wotnot	Face Sunscreen & BB Cream	✗	✓	✓	30	✓	60	✗
Soléo Organics	Face Formula Moisturising Sunscreen	✗	✓	✓	30	✓	80	✗
Mother	Natural Physical Sunscreen	✗	✓	✓	30	✓	120	✓
Juice Beauty's	Sport Sunscreen	✗	✓	✓	30	✗	90	✗
The Organic Pharmacy	Cellular Protection Sunscreen	✗	✓	✗	30	✗	100	✗
Little Urchin	Natural Sunscreen	✗	✓	✗	30	✓	100	✗
Eco by Sonya	Natural Rose Hip Sunscreen	✗	✓	✗	30	✓	150	✗
Sukin	SPF30 Sheer Touch Facial Sunscreen	✗	✓	✓	30	✓	60	✗

## BABY SUNSCREENS

VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Baby Rash Sunscreen SPF50	✓		✓	50	✓	60	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Baby Rash Sunscreen SPF50	✓		✓	50	✓	100	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Baby Healing Sunscreen SPF50	✓		✓	50	✓	100	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC+ZinCLEARXP</b> Baby Sunscreen SPF50	✓		✓	50	✓	100	✓
Wotnot	Baby Sunscreen	✗	✓	✗	30	✓	100	✗



## ANTI-AGEING SUNSCREENS

BRAND	PRODUCT	100% ORGANIC +ZinCLEARXP	SOME ORGANIC INGREDIENTS	VEGAN	SPF	AU MADE	SIZE (g)	PRESERVATIVE FREE
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Anti Ageing Moisturising Sunscreen SPF50	✓		✓	50	✓	36	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Anti Ageing Moisturising Sunscreen SPF50	✓		✓	50	✓	60	✓
Premium Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Anti Ageing Moisturising Facial Sunscreen with Sea Buckthorn Oil SPF50	✓		✓	50	✓	60	✓

## EYE SUNSCREENS

VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Anti-Ageing Eye Sunscreen SPF50	✓		✓	50	✓	60	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Dark Circles Eye Sunscreen SPF50	✓		✓	50	✓	60	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Brightening Eye Sunscreen SPF50	✓		✓	50	✓	60	✓
Premium Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Brightening Eye Sunscreen with Green Tea Extract SPF50	✓		✓	50	✓	60	✓

## ANTI-ACNE FACIAL SUNSCREENS

VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Anti-Acne Facial Sunscreen SPF50	✓		✓	50	✓	36	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Anti-Acne Facial Sunscreen SPF50	✓		✓	50	✓	60	✓
Premium Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Anti-Acne Facial Sunscreen with Bisabolol SPF50	✓		✓	50	✓	60	✓

## BODY MOISTURISING SUNSCREENS

VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Body Moisturising Sunscreen SPF50	✓		✓	50	✓	100	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Body Moisturising Sunscreen SPF50	✓		✓	50	✓	240	✓
Premium Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Body Moisturising Sunscreen with Oat Kernel Flour SPF50	✓		✓	50	✓	100	✓

## FACIAL MOISTURISING SUNSCREENS

VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Facial Moisturising Sunscreen SPF50	✓		✓	50	✓	60	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +ZinCLEARXP Facial Moisturising Sunscreen SPF50	✓		✓	50	✓	100	✓

## NO KNOWN COMPETITORS

## COLOUR CORRECTING SUNSCREENS

BRAND	PRODUCT	100% ORGANIC +ZinCLEARXP	SOME ORGANIC INGREDIENTS	VEGAN	SPF	AU MADE	SIZE (g)	PRESERVATIVE FREE
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +Zin <b>CLEARXP</b> Colour Correcting Sunscreen SPF50	✓		✓	50	✓	60	✓
Premium Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +Zin <b>CLEARXP</b> Colour Correcting Sunscreen with Centella Asiatica Extract SPF50	✓		✓	50	✓	100	✓
Juice Beauty	Stem Cellular CC Cream	X	✓	✓	30	X	50	X
Madara	City CC Anti-Pollution CC Cream SPF 16	X	✓	X	16	X	40	X

## MOSQUITO REPELLENT SUNSCREENS

VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +Zin <b>CLEARXP</b> Mosquito Repellent Sunscreen SPF50	✓		✓	50	✓	100	✓
VeganicSKN - Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +Zin <b>CLEARXP</b> Mosquito Repellent Sunscreen SPF50	✓		✓	50	✓	240	✓
Premium Private Label	100% <b>CERTIFIED VEGAN</b> 100% <b>ORGANIC</b> +Zin <b>CLEARXP</b> Mosquito Repellent Sunscreen with Tea Tree Oil SPF50	✓		✓	50	✓	100	✓

## NO KNOWN COMPETITORS

### Terms and Conditions:

- Orders over 10,000 units include free TGA registration of your own brand if requested (retained by VeganicSKN). The TGA registration will remain in place while minimum volumes are maintained valid until the expiry date of the last manufactured order.
- Orders over 10,000 units also get the option to have unique tints and scents (subject to ingredient availability & our chemists approval). Please request a quote with products you require
- Lead time: To be confirmed at placing of order and is subject to change
- All prices are ex-factory (excluding freight)
- Quotations once issued are valid for 30 days
- Balance of payment due before stock can be released
- Price is exclusive of GST (where GST is applicable)
- Product Expiry: 2 years from date of manufacturing
- Once Minimum Order Quantities are reached the price increase will link to CPI
- **Terms and Conditions may change without further notice**

# Harmful Effects of UV **Chemical** Filters to Adults, Children and Babies

# **Chemical** UV Filters Banned or proposed to be Banned

Chemical	Hormone Disruption	Reproductive & Developmental Toxicity	Systemic Absorption & Accumulation	Causes Photo-contact Allergy & Dermatitis	Nervous System Effects	Suspected Carcinogen
Octinoxate	✗ [16-19]	✗ [18]	✗ [20]			
Oxybenzone	✗ [16, 17, 21]	✗ [22]	✗ [20]	✗ [23]		✗ [48]
Methylbenzylidene Camphor	✗ [16, 21, 22, 24]	✗ [22, 25]		✗ [26]		
Homosalate	✗ [21, 27]		✗ [20]			
Octocrylene	✗ [47]		✗ [20]	✗ [28]		✗ [47]
Methylparabens	✗ [29, 30]	✗ [31 - 33]				
Phenoxyethanol				✗ [34,35]	✗ [36]	

	Octinoxate	Avobenzone	Oxybenzone (BP-3)	Methylbenzylidene Camphor	Homosalate	Octocrylene
Japan		✗	✗	✗	✗	
Sweden			✗	✗		
Hawaii	✗	✗	✗	✗	✗	✗
U.S Virgin Islands			✗	✗		✗
Bonaire	✗		✗			
Palau	✗		✗	✗		
Nature Reserves Mexico	✗	✗	✗	✗	✗	✗
Marshall Islands	✗	✗	✗	✗	✗	✗
Thailand	✗		✗	✗		



# Harmful Effects of UV Chemical Filters to Adults, Children and Babies

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- [47] <https://pubs.acs.org/doi/abs/10.1021/acs.chemrestox.0c00461>
- [48] [Why-Evaluate-the-Sunscreen-Active-Oxybenzone-Benzophenone-3-for-Carcinogenicity-and-Reproductive-Toxicology-or-Consider-it-Unsafe-for-Human-Use.pdf \(researchgate.net\)](#)

# Chemical UV Filters Banned or proposed to be Banned

## SOURCES

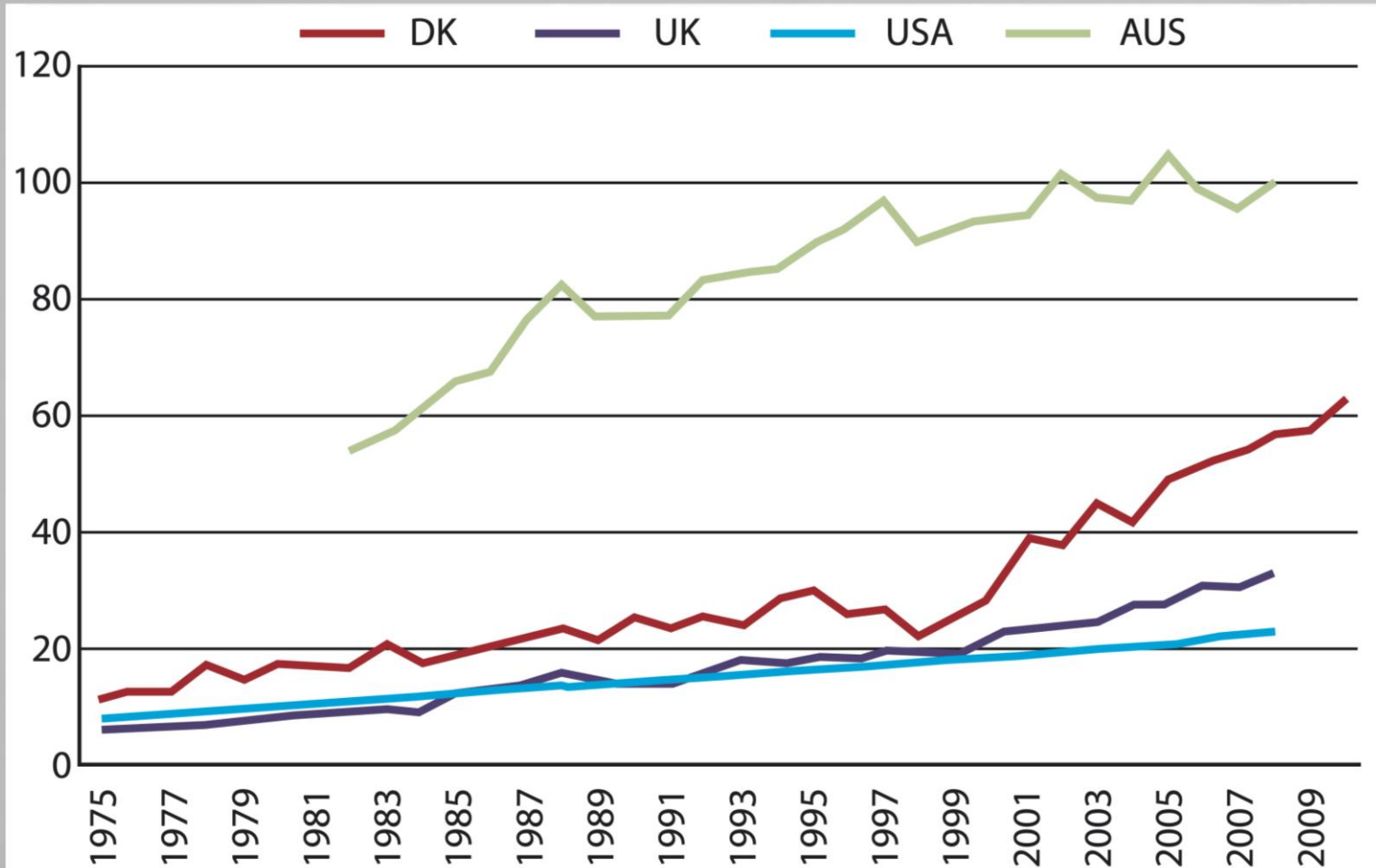
- <https://www.who.int/whr/2002/chapter4/en/index3.html>
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- <https://www.forbes.com/sites/niallmccarthy/2017/01/17/the-number-of-americans-going-gluten-free-has-tripled-since-2009-infographic/#42ea90e832f2>
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## Most **Chemical** UV filters are derived from Petroleum

[14] <https://www.azocleantech.com/amp/news.aspx?newsID=26593>

## Issues with common ingredients in **Chemical** Sunscreens

### Malignant Melanoma



Malignant Melanoma Cancers (MM) age standardised Incidence rate per 100 000 *Figure 1*

“Despite use of sunscreens with UV-filters over decades, the incidence of MM (Malignant Melanoma) is still increasing rapidly (Fig. 1) (Handel & Ramagopalan, 2010). Furthermore, an increasing number of experimental animal and in vitro studies indicated that some UV-filters (chemical) might have adverse effects as endocrine disrupters.” [15]

[15] <https://onlinelibrary.wiley.com/doi/pdf/10.1111/j.1365-2605.2012.01280.x>



## AVOBENZONE

“It can degrade into some very harmful compounds, some of which are known carcinogens,” said Daniel Aires, a dermatologist with the University of Kansas Health System.” [16] “When exposed to chlorinated water, more toxic compounds are created.” [37]

As avobenzene degrades, which may be in less than two hours, it is no longer effective (or at least far less effective) at protecting you from UVA rays. You’ll never know it though, because UVAs don’t cause burns. They’ll just get you decades later with wrinkled skin and cancer.” [37]

“One hour of sunlight exposure reduces avobenzene UV absorbance by 36%.” [38]

“Avobenzene suppresses proliferation and induces apoptosis in human trophoblast cells” [39] (Apoptosis is cell death)

“Emerging evidence suggests that short-lived chemicals, particularly select phthalates and UV filters may be associated with endometriosis.” [40]

[37] <https://www.kitchenstewardship.com/uva-protection-probably-isnt-working/>

[38] [\(PDF\) In-vitro Assessment of Effectiveness and Photostability Avobenzene in Cream Formulations by Combination Ethyl Ascorbic acid and alpha Tocopherol Acetate \(researchgate.net\)](#)

[39] <https://www.sciencedirect.com/science/article/abs/pii/S0890623818300984>

[40] <https://www.sciencedirect.com/science/article/pii/S0013935114002850>

## SOME **CHEMICAL** SUNSCREENS BECOME CARCINOGENIC AFTER A YEAR

“Some of the world’s most popular sunscreens risk causing cancer if left on the shelf too long because a commonly used sun protection factor breaks down into a harmful ingredient, top US and French researchers claim.” [43] “a Franco-American study published in the Chemical Research in Toxicology review on Monday found that if left for a year at room temperature, such products become potentially toxic as one of their key ingredients breaks down into a product called benzophenone, which they say is a “mutagen, carcinogen, and endocrine disruptor”. [43]

[43] <https://www.telegraph.co.uk/news/2021/03/09/top-brand-suncreams-become-carcinogenic-left-shelf-long-claim/>

## Issues with common ingredients in **Chemical** Sunscreens

### OXYBENZONE

“A pregnant woman who follows the instructions for the recommended-use of sunscreen products containing 6% oxybenzone (two 1-ounce application of sunscreen) could have concentrations of oxybenzone and fetal blood levels reach as high as 3,800 part per billion in the woman, and 384 parts per billion in the fetus. These concentrations of oxybenzone can potentially cause these toxic cellular changes, and give rise to Hirschsprung’s Disease.” [41]

[41] <http://haereticus-lab.org/can-oxybenzone-cause-hirschsprungs-disease/>

### TITANIUM DIOXIDE

“The FDA have maintained that there are only two safe ingredients (GRASE) for sunscreen manufacture – zinc oxide and titanium dioxide. The EU released a statement that will require all labels with >1% titanium dioxide “as a category 2 suspected carcinogen by inhalation under EU regulations (EC) No 1272/2008 on classification, labelling and packaging (CLP) of substances and mixtures” from September 9, 2021.” [42]

[42] <https://www.fas.usda.gov/data/france-france-bans-titanium-dioxide-food-products-january-2020>

### OXYBENZONE (BP-3)

“Oxybenzone is a ultraviolet (UV) absorber used in 70% of sunscreen products, is a recognized endocrine disrupting chemical (EDC) and is small enough to pass through skin and placenta barriers.” [44] “Liver and kidney weights were affected after both dermal and oral exposure to BP-3” [45] “BP-3 reacts with chlorine and produces hazardous by-products, such as bromoform, bromal hydrate and dibrominated BP-3, threatening human health” [46]

[44] <https://www.sciencedirect.com/science/article/abs/pii/S0890623818305835>

[45] <https://onlinelibrary.wiley.com/doi/full/10.1111/j.1365-2605.2012.01280.x>

[46] [https://www.researchgate.net/publication/337641616\\_In\\_vitro\\_metabolism\\_of\\_sunscreen\\_compounds\\_by\\_liquid\\_chromatography-high\\_resolution\\_tandem\\_mass\\_spectrometry](https://www.researchgate.net/publication/337641616_In_vitro_metabolism_of_sunscreen_compounds_by_liquid_chromatography-high_resolution_tandem_mass_spectrometry)