

SB484 Warning for Consumers in California

California Senate Bill 484 is the California Safe Cosmetics Act of 2005. This piece of legislation requires manufacturers or sellers of personal care products to list the use of ingredients “with potential links to cancer and birth defect” and their corresponding products on the California Department of Public Health website. Nu Skin is a manufacturer subject to the act. The act does not take into consideration the concentration of the ingredient nor the type of exposure (topically applied vs. inhalation) but simply the presence of a listed ingredient within the manufactured product. The complete list is available online at:

<http://www.cdph.ca.gov/programs/cosmetics/Documents/chemlist.pdf>

Nu Skin currently uses the following ingredients that are defined by the state of California as potential causes of cancer and/or birth defect.

Titanium Dioxide, a white powder, is the oxide of titanium. Titanium Dioxide is used in a wide range of personal care products including color cosmetics. Because it is derived from a mineral titanium dioxide typically contains trace amounts of heavy metals. These levels are subject to SB 484.

Titanium Dioxide is also an FDA approved sunscreen agent that reflects and scatters UV radiation. This ingredient can reduce and/or prevent sunburns—an important factor in reducing the risk of skin cancer—and premature aging of skin. Titanium dioxide is also approved for use by the Cosmetic Directive of the European Union as a colorant and UV filter.

Retinol and retinyl palmitate are forms of vitamin A, and are well established anti-aging ingredients when applied topically. They have been deemed safe (not mutagenic or carcinogenic) by the Cosmetic Ingredient Review (CIR) Expert Panel. Topical products containing 0.1-1% of retinol or its ester retinyl palmitate were at most slightly irritating. Research has indicated that the topical application of these ingredients did not result in measurable increases of the amount of vitamin A in blood (Nohynek, 2006).

Benzophenone, estragole, methyl eugenol, and formaldehyde are components of fragrances or perfumes in personal care products. Fragrances as a whole comprise a very low concentration of formulas and these components are only a small fraction of the fragrance itself.

There is no data showing benzophenone is cancerous in humans. Similarly, dermal application did not elicit tumors in mice. None the less, in animal studies (that included oral administration) there was sufficient data for the IARC to qualify benzophenone as possibly carcinogenic to humans.

There is no data showing estragole is cancerous in humans. Carcinogenicity studies have been conducted on animals via oral administration and subcutaneous injection of estragole and structurally similar compounds. According to the data, estragole is considered as a possible carcinogenic.

There is no data showing methyl eugenol is cancerous in humans. Oral administration studies and intraperitoneal injection of methyleugenol has been linked to tumors, thus the IARC has indicated that methyleugenol is possibly carcinogenic to humans

The CIR Expert Panel evaluated the scientific data and concluded that formaldehyde in cosmetics and personal care products is considered safe for the majority of consumers as a preservative in cosmetics at concentration levels that do not exceed 0.074%.

Safety studies on these ingredients or subcomponents have shown that they are safe as presently used within cosmetics. The research relative to cancer and/or birth defects was from inhalation or other applications surpassing that of normal daily exposure to the ingredients from topical application of a cosmetic (such as in a sunscreen product.)

The following Nu Skin products will appear on the SB484 list which may change from time to time:

1. 180 Face Wash
2. ageLOC Radiant Day Broad Spectrum SPF22
3. ageLOC Tru Face Essence Ultra
4. AP-24 Anti-Plaque Fluoride Toothpaste
5. AP-24 Whitening Fluoride Toothpaste
6. Body Smoother
7. Celltrex Ultra Recovery Fluid
8. Clay Pack Deep Cleansing Masque
9. Clear Action Night Treatment
10. Creamy Hydrating Masque
11. Epoch Assure
12. Epoch Brisk
13. Epoch Peppermint
14. Epoch Polishing Bar
15. Epoch Unwind
16. Exfoliant Scrub
17. Dividends Aftershave Balm
18. Dividends Shave Cream
19. Facial Scrub
20. Hand Lotion
21. Moisture Restore Day Protective Mattefying Lotion SPF 15 Combination to Oily Skin
22. Nu Colour Advanced Liquid Finish Broad Spectrum SPF 15
23. Nu Colour Advanced Tinted Moisturizer Broad Spectrum SPF 15
24. Nu Colour Contouring Lip Gloss
25. Nu Colour Desired Effects Eye Shadow
26. Nu Colour MoistureShade Wet/Dry Pressed Powder
27. Nu Colour Replenishing Lipstick SPF 15
28. Nu Colour Skin Beneficial Concealer
29. Nu Colour Subtle Effects Blush
30. pH Balance Mattefying Toner
31. Polishing Peel
32. Rejuvenating Cream
33. Rich Conditioner
34. Moisture Restore Intense Moisturizer
35. Tri-Phasic White Day Milk Lotion SPF 15
36. Tri-Phasic White Essence
37. Tri-Phasic White Night Cream
38. Tri-Phasic White Toner
39. Tru Face Priming Solution
40. Tru Face Skin Perfecting Gel

Please feel free to contact Product Support at 1-800-487-1000 if you have additional questions.