

UNITED STATES DISTRICT COURT  
NORTHERN DISTRICT OF ILLINOIS  
EASTERN DIVISION

<p>IN RE: HAIR RELAXER MARKETING SALES PRACTICES AND PRODUCTS LIABILITY LITIGATION</p>	<p>MDL No. 3060  Master Docket Case No. 1:23-cv-00818  Honorable Mary M. Rowland</p>
<p>LILIAN WANJOHI,                      Plaintiff,  v.  L'ORÉAL USA, INC, L'ORÉAL USA PRODUCTS, INC., SOFT SHEEN- CARSON, LLC., SOFT SHEEN PRODUCTS, INC., DERMOVIVA SKIN ESSENTIALS INC., DABUR INTERNATIONAL LTD., and NAMASTE LABORATORIES, LLC, STRENGTH OF NATURE, LLC, and GODREJ SON HOLDINGS, INC.                      Defendants.</p>	<p>Case No. 1:23-cv-2817  <b><u>CIVIL ACTION COMPLAINT</u></b>  <b>JURY TRIAL DEMANDED</b></p>

Plaintiff files this Complaint pursuant to CMO No. 2, and is to be bound by the rights, protections and privileges, and obligations of that CMO and other Orders of the Court. Further, in accordance with CMO No. 2, Plaintiff hereby designates the United States District Court for Arizona as plaintiff's designated venue ("Original Venue"). Plaintiff makes this selection based upon one (or more)

of the following factors (check the appropriate box(es)):

- Plaintiff currently resides in Chandler, Arizona;
- Plaintiff purchased and used Defendants' products in Arizona;

The Original Venue is a judicial district in which Defendant \_\_\_\_\_ resides, and all defendants are residents of the State in which the district is located (28 USC 1391(b)(1)).

The Original Venue is a judicial district in which a substantial part of the events or omissions giving rise to the claim occurred, specifically (28 USC 1391(b)(2)): Hair relaxer purchases and use occurred in Arizona. Cancer diagnosis occurred in Arizona.

There is no district in which an action may otherwise be brought under 28 USC 1391, and the Original Venue is a judicial district in which Defendant \_\_\_\_\_ is subject to the Court's personal jurisdiction with respect to this action (28 USC 1391(b)(3)).

Other reason (please explain): \_\_\_\_\_

\_\_\_\_\_.

Plaintiff, Lilian Wanjohi, by her undersigned counsel, makes the following Complaint against Defendants L'Oréal USA, Inc., L'Oréal USA Products, Inc., Soft Sheen-Carson LLC., Soft Sheen Products, Inc. ("L'Oréal"), DermoViva Skin Essentials Inc., Dabur International Ltd. and Namaste Laboratories, LLC ("Namaste"), and Strength of Nature, LLC ("Strength of Nature"), Godrej SON Holdings, Inc. ("Godrej") (collectively, "Defendants"), alleging as follows:

### **NATURE OF THE ACTION**

1. This action arises out of Lilian Wanjohi's diagnosis of ovarian cancer. Ms. Wanjohi's ovarian cancer was directly and proximately caused by her regular

and prolonged exposure to phthalates and other endocrine disrupting chemicals found in Defendants' hair relaxers.

2. Plaintiff brings this action against Defendants for claims arising from the direct and proximate result of Defendants, their directors, agents, heirs and assigns, and/or their corporate predecessors' negligent, willful, and wrongful conduct in connection with the design, development, manufacture, testing, packaging, promoting, marketing, distribution, labeling, and/or sale of the products known as African Pride, Dark and Lovely, Just for Me, Motions, ORS Olive Oil, and TCB Hair Relaxer (together, the "Products").

## **I. PARTIES**

3. Plaintiff is a citizen and resident of the State of Arizona with her place of residence in Chandler, Arizona.

4. Defendant L'Oréal USA, Inc. is, and at all times relevant to this action was, a corporation with its principal place of business and headquarters located at 575 Fifth Avenue, New York, New York 10017 and process may be served upon its registered agent, Corporation Service Company, 80 State Street, Albany, NY 12207.

5. Defendant L'Oréal USA Products, Inc. is, and at all times relevant to this action was, a corporation with its principal place of business and headquarters located at 10 Hudson Yards 347 10th Avenue New York, New York 10001 and process may be served upon its registered agent, Corporation Service Company, 80 State Street, Albany, NY 12207.

6. Defendant Soft Sheen-Carson LLC, is, and at all times relevant to this action was, a limited liability company with its principal place of business and headquarters located at 80 State Street, Albany, NY 12207 and process may be

served upon its registered agent, Corporation Service Company, 80 State Street, Albany, NY 12207.

7. Defendant Soft Sheen Products, Inc., is, and at all times relevant to this action was, a corporation incorporated in Delaware and process may be served upon its registered agent, Corporation Service Company, 251 Little Falls Drive, Wilmington, DE 19808.

8. Defendant DermoViva Skin Essentials Inc., is, and at all times relevant to this action was, a corporation and process may be served upon its registered agent, Corporate Services Company 251 Little Falls Drive, Wilmington, Delaware 19808.

9. Defendant Dabur International Ltd., is, and at all times relevant to this action was, a corporation with its principal place of business and headquarters located at 5 Independence Way, Princeton, New Jersey 08540.

10. Defendant Namaste Laboratories, LLC is, and at all times relevant to this action was, a limited liability company with its principal place of business located at 310 S. Racine, 8th Fl., South, Chicago, Illinois 60607, and process may be served upon its registered agent, Illinois Corporation Service Company, 801 Adlai Stevenson Drive, Springfield, Illinois 62703.

11. Defendant Strength of Nature, LLC is, and at all times relevant to this action was, a limited liability company with its principal place of business and headquarters located at 64 Ross Road, Savannah, Georgia 31405, and process may be served upon its registered agent, Karan Sood, 6355 Peachtree Dunwoody Road, Atlanta, Georgia 30328.

12. Defendant Godrej SON Holdings, Inc. is, and at all times relevant to this action was, a corporation with its principal place of business and headquarters located at 64 Ross Road, Savannah, Georgia 31405, and process may be served upon its registered agent, Karan Sood, 64 Ross Road, Savannah, Georgia 31405.

13. At all pertinent times, all Defendants were engaged in the research, development, manufacture, design, testing, sale, and marketing of the Products, and introduced such products into interstate commerce with knowledge and intent that such products would be sold in the State of Illinois.

14. At all times material hereto, Defendants developed, tested, assembled, manufactured, packaged, labeled, prepared, distributed, marketed, supplied, and/or sold the defective Products, including but not limited to:

- a. African Pride
- b. Dark and Lovely
- c. Just for Me
- d. Motions
- e. ORS Olive Oil
- f. TCB Hair Relaxer

15. Defendants' defective Products were placed into the stream of interstate commerce and were used by the Plaintiff.

16. Plaintiff had an oophorectomy, hysterectomy and began chemotherapy due to being diagnosed with ovarian cancer, a condition caused by Plaintiff's exposure to chemicals in the Defendants' Products.

## **II. JURISDICTION AND VENUE**

17. This Court has subject-matter jurisdiction over this case under 28 U.S.C. § 1332(a) because the amount in controversy exceeds \$75,000 and Plaintiff and Defendants are residents of different states.

18. This Court has personal jurisdiction over Defendants because Defendants conduct business in Illinois, purposefully direct and/or directed their actions toward Illinois, consented to being sued in Illinois by registering an agent for service of process in Illinois, consensually submitted to the jurisdiction of

Illinois when obtaining a manufacturer or distributor license, and/or have the requisite minimum contacts with Illinois necessary to constitutionally permit this Court to exercise jurisdiction. Moreover, Defendants' actions and/or inactions described herein were purposefully directed at and/or within the State of Illinois, the damages were sustained by Plaintiffs within the State of Illinois, and the damages sustained by Plaintiffs were a result of Defendants' actions and/or inactions—described herein—that were purposefully directed at and/or within the State of Illinois. At all relevant times, Defendants expected or should have expected that their acts and omissions would have consequences within the United States and the State of Illinois.

19. Venue is proper in this multidistrict litigation for one or more of the following reasons: (1) venue is proper in the transferor court in each constituent case; and/or (2) venue is proper in this District for pretrial purposes pursuant to 28 U.S.C. § 1407 and the February 6, 2023 Transfer Order of the Judicial Panel on Multidistrict Litigation and CMO No. 2.

### **III. FACTS COMMON TO ALL COUNTS**

#### **A. Hair Straighteners and Relaxers**

##### **1. Market for Hair Straightening and Relaxing Products**

20. While Black people comprise about 13 percent of the U.S. population, it is estimated that they account for as much as 22 percent of the \$42 billion-a-year personal care products market.<sup>1</sup>

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<sup>1</sup> Thandisizwe Chimurenga, *How Toxic is Black Hair Care?*, New America Media, Feb. 2, 2012, [americamedia.org/2012/02/skin-deep-in-more-ways-than-one.php](http://americamedia.org/2012/02/skin-deep-in-more-ways-than-one.php); *Personal Care Products Manufacturing Industry Profile*, Dun & Bradstreet First Research, August 2016, [www.firstresearch.com/Industry-Research/Personal-Care-Products-Manufacturing.html](http://www.firstresearch.com/Industry-Research/Personal-Care-Products-Manufacturing.html) (This report uses “Black” to describe not only people who identify as African-American, but Black people in the U.S. who come from the Caribbean or other areas. “African-American” is used only when a cited source specifies that term).

21. In 2020, the global Black Hair Care market was estimated at \$2.5 billion, with the hair relaxer market alone estimated at \$718 million in 2021, with the expectation of growth to \$854 million annually by 2028.

22. In an analysis of ingredients in 1,177 beauty and personal care products marketed to Black women, the non-partisan Environmental Working Group (EWG) found that one in twelve ingredients was ranked highly hazardous on the scoring system of EWG's Skin Deep® Cosmetics Database, a resource for finding less-hazardous alternatives to personal care products. EWG determined that hair relaxers were among the worst-scoring products.

## **2. History of Hair Relaxers in America**

23. In its natural or untreated state, Black or “afro-textured” hair is characterized by coils, zigzag and s-curve curl patterns, as well as by its density, fullness, texture, and feel.<sup>2</sup>

24. Afro-textured hair “naturally grows up and out.”<sup>3</sup>

25. In Africa, hair was seen as a source of personal and spiritual power. As the highest point of the body and “most elevated part of the body, some communities believe[d] [their hair] connected them with the divine.”<sup>4</sup> For some, hair was the “conduit for spiritual interaction with God.”<sup>5</sup>

26. African hairstyles were also status symbols reflecting one's “marital status, age, religion, and rank in society” and one's tribe.<sup>6</sup> Warriors, kings, and

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<sup>2</sup> Patrick Obukowho, *Hair Relaxers: Science, Design, and Application* 14 (2018).

<sup>3</sup> Ayana Byrd & Lori Tharps, *When Black Hair Is Against the Rules*, *The New York Times*, April 30, 2014, <https://www.nytimes.com/2014/05/01/opinion/when-black-hair-is-against-the-rules.html>.

<sup>4</sup> Nikki Fox, *6 Things Everyone Should Know About Black Hair History*, *Odele*, Feb., 22, 2021, <https://odelebeauty.com/blogs/the-rinse/black-hair-history-facts>.

<sup>5</sup> Rumeana Jahangir, *How Does Black Hair Reflect Black History?*, *BBC News*, May 31, 2015, <https://www.bbc.com/news/uk-england-merseyside-31438273.amp>.

<sup>6</sup> *History of Braids: More Than Just a Hairstyle*, *Genesis Career College*, <https://www.genescareer.edu/history-of-braids-more-than-just-a-hairstyle/>.

queens wore braids to show their ranking in society.<sup>7</sup> The Wolof tribe in West Africa wore braided styles when they went to war.<sup>8</sup>

27. Most styling was extremely intricate and involved days of labor. It was expected that everyone would engage in this process as “only the mad and mourning did not do their hair.”<sup>9</sup>

28. One of the first things slave masters did to enslaved people forced onto American soil was cut their hair. This was a way to “break their spirit and make slaves easier to control.”<sup>10</sup> What was once a symbol of pride and symbolism became a tool for subordination and degradation. As such, hair cutting was also a common form of punishment.

29. The very nature of slavery involved hard labor over long hours in dire conditions. Enslaved people had “no time to care about one’s appearance or one’s hair.”<sup>11</sup> “Hair that was once a source of pride and expression of identity was often tucked away beneath cloth to cover rough, tangled tresses and shield them from hours spent toiling under the sun.”<sup>12</sup> The hair that was once an important spiritual and cultural symbol became tangled and matted.

30. White Americans did not see African or Black hair as beautiful. Instead, they described it as “closer to sheep wool than human hair.”<sup>13</sup> African hair

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<sup>7</sup> *Id.*

<sup>8</sup> *Id.*

<sup>9</sup> Hlonipha Mokoena, *From Slavery to Colonialism and School Rules, Navigating the History of Myths about Black Hair*, Quartz Africa, Feb., 24, 2018, <https://qz.com/africa/1215070/black-hair-myths-from-slavery-to-colonialism-school-rules-and-good-hair/>.

<sup>10</sup> Brenda A. Randle, *I Am Not My Hair*, 22 *Race, Gender and Class*, no. 1-2, 114 – 121 (2015).

<sup>11</sup> Nikki Fox, *6 Things Everyone Should Know About Black Hair History*, Odele, Feb., 22, 2021, <https://odelebeauty.com/blogs/the-rinse/black-hair-history-facts>.

<sup>12</sup> *Id.*

<sup>13</sup> Ayana Byrd & Lori Tharps, *When Black Hair Is Against the Rules*, *The New York Times*, April 30, 2014, <https://www.nytimes.com/2014/05/01/opinion/when-black-hair-is-against-the-rules.html>



that was once considered an attractive feature became a source of shame, to be covered or cut.

31. In 1786, the Governor of Louisiana, Don Esteban Miro, passed the “Tignon Law” requiring Black women to wear a tignon (scarf) over their hair as a way of signifying they were members of the slave class, even if they were free.<sup>14</sup>

32. “By requiring free Black women to wear the same hair covering, the governor was marking them as related to enslaved women rather than white women.”<sup>15</sup>

33. This law sent a direct signal to Black people that their hair held a symbol of inequality and was a sign of poverty regardless of their actual social status.

34. Because afro-textured hair was kinky and reflected African heritage rather than European ancestry, afro-textured hair was a symbol of low social status.<sup>16</sup>

35. Enslaved people with lighter skin and less-coiled hair were favored to work in the slave master’s residence, a far less strenuous position than outside labor and in the plantation fields.<sup>17</sup>

36. Texturism, the idea that “good hair” is equated with a straighter hair texture, was cemented into American culture during the period of chattel slavery. “Eurocentric beauty standards dictated that coily hair and dark skin were unattractive and inferior”; “lighter skinned and straighter haired slaves were favored and selected for more desirable positions in the house” as opposed to the

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<sup>14</sup> Nikki Fox, *6 Things Everyone Should Know About Black Hair History*, Odele, Feb., 22, 2021, <https://odelebeauty.com/blogs/the-rinse/black-hair-history-facts>.

<sup>15</sup> *Fashionable Rebellion*, New York Historical Society Museum and Library: Women and the American Story, <https://wams.nyhistory.org/settler-colonialism-and-revolution/settler-colonialism/fashionable-rebellion/>.

<sup>16</sup> Brenda A. Randle, *I Am Not My Hair*, 22 *Race, Gender and Class* (No. 1-2), 114 – 121 (2015).

<sup>17</sup> *Id.*

fields.<sup>18</sup> Thus, “the texture of an enslaved person’s hair could determine their value and working conditions, which in turn might impact their overall health, comfort and chances for freedom[.]”<sup>19</sup> Naturally, Black men and women strived for a better life in the Americas and were taught that the straighter and less kinky their hair was, the better a life they could have. This fueled the desire for tools and products that could straighten Black hair texture.

37. The institution of slavery destroyed enjoyment and pride in African hairstyles. “The goal of grooming the hair had morphed from the elaborate and symbolic designs of Africa into an imitation of White styles adapted to Black kinks and curls.”<sup>20</sup>

38. Post-emancipation stereotypes also ensured black subservience centered around depicting black hair in its natural state as the antithesis of feminine beauty. The prominent 20th century images of Topsy, Picanninny, and Mammy are caricature depictions of black girls and women with unkempt hair unless totally covered by handkerchiefs. This was the public image of black femininity for a century after slavery that ensured that black hair in its natural state was perceived as uncivilized and animalistic.

39. After centuries of enslavement Black women and girls began adapting to these European beauty standards because market realities and popular messaging compelled them to believe that lighter skin and straight hair, would increase their social and economic status. Many black people would go to “dangerous lengths to straighten their hair.”<sup>21</sup>

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<sup>18</sup> *Id.*

<sup>19</sup> *Id.*

<sup>20</sup> *Id.*

<sup>21</sup> Nikki Fox, *6 Things Everyone Should Know About Black Hair History*, Odele, Feb., 22, 2021, <https://odelebeauty.com/blogs/the-rinse/black-hair-history-facts>.

40. Black or afro-textured hair can be manipulated into a straightened state with the use of hair tools and hair products, but hair—like skin tone—is immutable because of the hair follicle. Extreme chemicals can temporarily change the follicle output but not the follicle shape, and consequently, the change is ephemeral and short lived.

41. Prior to the invention of the chemical relaxer in the 1900s, individuals would “press” afro-textured hair with metal hair tools such as the “hot comb.” Pressing combs or hot combs are metal hair tools that are first heated in a stove or ceramic heater, then pressed into hair strands to temporarily straighten them.<sup>22</sup>

42. The hot comb was first invented by a Frenchman, Marcel Grateau who popularized the hair styling tool in Europe in the 1870s, including through advertisements in catalogs of major department stores like Sears and Bloomingdales.<sup>23</sup> The hot comb was later modified by Madam C.J. Walker, a trailblazer in the development of black hair products, to be manufactured with wider comb teeth.<sup>24</sup> With Walker’s system, once the comb was heated a softening ointment was then applied for easier manipulation of black hair.<sup>25</sup>

43. Today, afro-textured hair is still often straightened with a hot comb rather than with chemicals. However, pressed hair remains susceptible to “shrinkage.” Shrinkage is the process by which curly-kinky hair that has been temporarily straightened coils back into its natural state once the hair interacts with water, humidity, or perspiration<sup>26</sup>, creating a shorter or fuller appearance.

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<sup>22</sup> Jaclyn Peterson, *The Price of Beauty*, CTI Charlotte Teachers Institute Curriculum (2021).

<sup>23</sup> Henry Louis Gates, *Madam Walker, the First Black American Woman to Be a Self-Made Millionaire*, PBS 100 Amazing Facts About the Negro, <https://www.pbs.org/wnet/african-americans-many-rivers-to-cross/history/100-amazing-facts/madam-walker-the-first-black-american-woman-to-be-a-self-made-millionaire/>.

<sup>24</sup> Cookie Lommel, *Madam C.J. Walker* 60 (1993).

<sup>25</sup> *Id.* at 62.

<sup>26</sup> *Id.*



### 3. The Invention of the Chemical Relaxer

44. African American inventor, Garrett Augustus Morgan, discovered and created a system that would permanently straighten afro-textured hair, eliminating the issue of “shrinkage.”

45. In addition to being an inventor, Morgan was a tailor. In the early 1900s, Morgan was repairing his sewing machines and creating a way to polish the needles to stitch fabrics more smoothly.<sup>27</sup> He applied a chemical solution to the needles and wiped the solution off with a rag, and later noticed that the “curly” fibers in the rag were straightened after exposure to the chemical.<sup>28</sup>

46. Morgan further tested the chemical on a dog with curly hair and eventually on his own hair. The chemical solution successfully straightened curly hair. He turned his formula into a gel-hair product, creating the G.A. Morgan Hair Refining Cream which was marketed in 1913.

<sup>27</sup> Patrick Obukowho, *Hair Relaxers: Science, Design, and Application* 27 (2018).

<sup>28</sup> Mary N. Oluonye, *Garrett Augustus Morgan: Businessman, Inventor, Good Citizen* 28 (2008).

**Straighten Hair In 15 Minutes**  
 With G. A. MORGAN'S Improved  
**Hair Refiner Cream**



**A HAIR STRAIGHTENER THAT HOLDS!** One application lasts from 40 to 50 days. Price, 50c and \$1.00. Hair Grower, Hair Lifter and Pressing Gloss, 25c. Hair Oil, 35c per bottle. Hair Refining Cream, 50c and \$1.00. Black Hair Stain, 25c. Hair Pressing Caps, 50c. Hair Refining Soap, 25c.  
**SEND MONEY ORDER OR STAMPS. No C. O. D.**

"I have tried them all, but there's nothing that does the work quite so well as G. A. Morgan's Hair Refining Cream for straightening the hair," says Duke Ellington, the Jazz King.

**The G. A. Morgan Hair Refining Company**  
 5204 HARLEM AVE., CLEVELAND, OHIO  
 Established 1905

(This Advertisement is Worth 25c On Each Dollar Purchase)

**"IMPROVE YOUR APPEARANCE"**

**WAR DECLARED ON BAD HAIR!**



World War has been declared on short, messy, unshined and limp appearing hair. A successful campaign is being conducted by General G. A. Morgan from the Main Training Camp at Cleveland, Ohio. Other camps are to be found in Drug Stores, Barber Shops and Up-to-Date Beauty Parlors throughout the world. Why not join our ranks and obtain our special treatment guaranteed to give you the long wanted and desired satisfaction? We train you free at charge in the art of treating your own and others' hair. You can save large sums of money with a small investment. Write to us at once and let us advise you how to go ahead with this proposition.

FOR PARTICULARS WRITE

**THE G. A. MORGAN HAIR REFINING COMPANY**  
 5204 HARLEM AVENUE, CLEVELAND, OHIO

Ask Your Druggist for It. Prompt Attention Given To Mail Orders.

**WE GUARANTEE THAT YOU CAN TREAT YOUR OWN HAIR**  
saving time, money and worry and getting better results by using THE G. A. MORGAN METHOD.

The Only Complete Line in the World, for Men, Women and Children

**WOMEN**  
 Our treatment will grow your hair and improve its texture, and every application, no matter how bad a hair is, will bring you a complete, smooth, glossy growth. Including G. A. Morgan's Hair Grower, Hair Refining Cream, Hair Oil, Hair Pressing Gloss, Hair Refining Soap, Hair Pressing Caps, Hair Refining Cream, \$2.00

**WOMEN**  
 You can positively and safely treat your hair in three minutes with our famous Hair Refiner Cream. \$2.00

**WOMEN**  
 will bring you a complete, smooth, glossy growth. Including G. A. Morgan's Hair Grower, Hair Refining Cream, Hair Oil, Hair Pressing Gloss, Hair Refining Soap, Hair Pressing Caps, Hair Refining Cream, \$2.00

**WOMEN**  
 will bring you a complete, smooth, glossy growth. Including G. A. Morgan's Hair Grower, Hair Refining Cream, Hair Oil, Hair Pressing Gloss, Hair Refining Soap, Hair Pressing Caps, Hair Refining Cream, \$2.00



"SELF TREATMENT GIVES BEST RESULTS"

"THE BEST THERE IS—CHEAPER THAN THE CHEAPEST!"

**Tell Your Hair Dresser To Get G. A. MORGAN'S RIGHT OR LEFT-HANDED**

**HAVE YOUR HAIR REFINING COMB**

AND GET ONE FOR YOUR OWN USE, PRICE \$3.50

**CLIP THIS COUPON IT IS WORTH 25 CENTS**

On the complete outfit of our goods for either men or women

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_

AGENTS WANTED TO CANVASS G. A. MORGAN'S HAIR PRODUCTS	
HAIR REFINER CREAM	\$1.00
HAIR REFINER SOAP	.25
ITALIAN HAIR OIL	.35
HAIR GROWER	.50
HAIR PRESSING GLOSS	.50
DANDRUFF AND TETTER TREATMENT	1.00
HAIR PRESSING NIGHT CAP	1.00
BLEECHENE	.50
BLACK HAIR STAIN	.50
HAIR LAY FINE POMADE	.25

47. Morgan's invention paved the way for the alkaline relaxer and, later, the development of additional chemical-based permanent hair straightening products in the Black Hair Care market.<sup>29</sup>

<sup>29</sup> Patrick Obukowho, Hair Relaxers: Science, Design, and Application 27 (2018).

#### 4. Defendants' Marketing Efforts

48. In 1971, Dark and Lovely manufactured the first lye relaxer. The formula consisted of sodium hydroxide, water, petroleum jelly, mineral oils, and emulsifiers.<sup>30</sup>

49. In the 1970s, lye relaxer users and manufacturers noticed that the lye formula stripped proteins from the hair strand, resulting in the hair thinning and breaking.<sup>31</sup> As a result, Johnson and Johnson marketed the first “gentle” hair relaxer in 1981, which instead used chemicals such as potassium hydroxide and lithium hydroxide.<sup>32</sup>

50. Over time, Soft & Beautiful and other chemical relaxer manufacturers developed herbal and botanical hair relaxer formulas.<sup>33</sup>

51. Today, hair relaxer products are marketed to Black customers across the United States, and the world, reinforcing the same historical Eurocentric standards of beauty. Defendants' marketing scheme relies heavily on branding and slogans that reinforce straight hair as the standard.<sup>34</sup>

52. Defendant Strength of Nature markets its Soft & Beautiful and Motions relaxer products, depicting beautiful, happy, light-skinned African American women with straight hair in seemingly perpetual motion.<sup>35</sup>

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<sup>30</sup> Cicely A. Richard, *This History of Hair Relaxers*, Classroom, September 29, 2017, <https://classroom.synonym.com/the-history-of-hair-relaxers-12078983.html>.

<sup>31</sup> *Id.*

<sup>32</sup> *Id.*

<sup>33</sup> *Id.*

<sup>34</sup> *Id.*

<sup>35</sup> *Id.*



53. Defendant Strength of Nature, LLC also carries a TCB Naturals line that promises “silky smooth relaxed hair”

54. Defendant Strength of Nature, LLC’s Just for Me brand specifically targets young Black girls with promises of “perfect straightness,” grooming the next generation of lifetime consumers of relaxers containing DEHP.

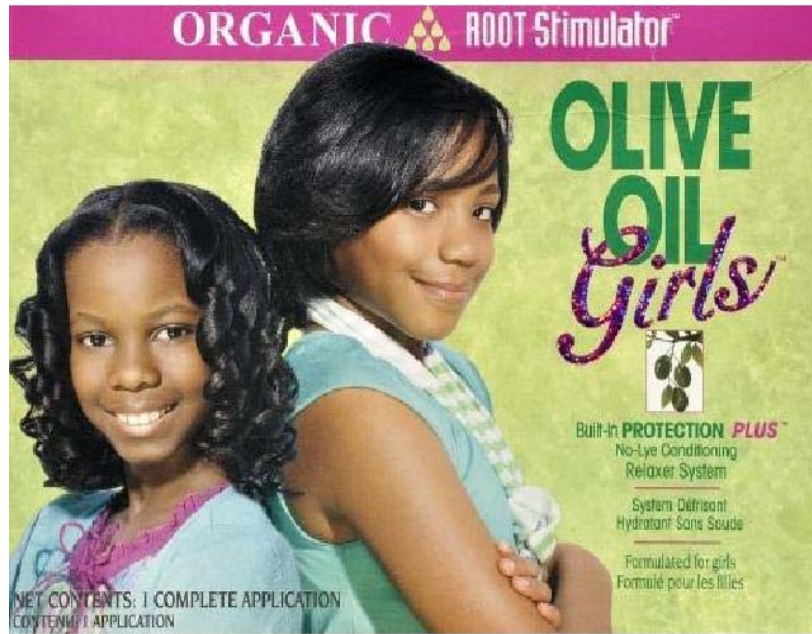


55. Defendant Godrej targets women with its African Pride relaxer that promises to strengthen, protect, and nourish hair.



56. Defendant Namaste also targets young Black girls with its Olive Oil Girls line.





57. Finally, Defendant L'Oréal depicts a Black woman with straight hair on each of its Dark and Lovely and Optimum brands of relaxer products.





## **5. Chemical Relaxer Use**

58. Hair relaxers are classified as creams or lotions which are specifically marketed to Black and Brown women to “tame” their ethnic hair by making it smoother, straighter, and easier to manage on a daily basis.

59. Hair relaxing, or lanthionization, can be performed by a professional cosmetologist in a salon or barbershop, or at home with at-home relaxer kits designed for individual use. These home kits are sold in grocery, drug, and beauty supply stores in urban and rural cities throughout the United States.

60. Relaxers are applied to the base of the hair shaft and left in place for a “cooking” interval, during which the relaxer alters the hair’s texture by purposefully damaging the hair’s natural protein structure. The effect of this protein damage straightens and smooths the hair. After a period of weeks (4 – 8 weeks on average), depending on the hair’s natural growth rate, the treated portion of the hair grows away from the scalp as new growth sprouts from the roots, requiring additional relaxer treatment to smooth the roots. These additional treatments are colloquially referred to as “re-touches” and “touch-ups”, resulting in

women relaxing their new growth every four to eight weeks on average, usually for decades.

61. Hair relaxers can, and often do, cause burns and lesions in the scalp, facilitating the entry of hair relaxer constituents into the body. The main ingredient of “lye” relaxers is sodium hydroxide; no-lye relaxers contain calcium hydroxide and guanidine carbonate, and “thio” relaxers contain thioglycolic acid salts. No-lye relaxers are advertised to cause fewer scalp lesions and burns than lye relaxers, but there is little evidence to support this claim.

62. In some studies, up to 90% of Black women have used hair relaxants and straighteners, which is more commonplace for these women than it is for any other race. Hair products such as relaxers contain hormonally active and carcinogenic compounds, such as phthalates, known to cause endocrine disruption, which are not required to be listed separately as ingredients and are often broadly lumped into the “fragrance” or “perfume” categories. Relaxer habits usually begin in formative childhood years, and adolescence is likely a period of enhanced susceptibility to debilitating conditions resulting from exposure to these chemicals.<sup>36</sup>

63. In the 1990s, the first relaxer product for young Black girls, Just for Me, hit the market with a catchy advertising jingle that captured consumer attention.<sup>37</sup> It soon became one of the most popular straightening treatments, touting a no-lye formula designed to be gentler for children’s sensitive scalps. Once relaxer use begins in childhood, it often becomes a lifetime habit.

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<sup>36</sup> Patrick Obukowho, *Hair Relaxers: Science, Design, and Application* 27 (2018).

<sup>37</sup> Dana Oliver, *The ‘90s Just For Me Hair Relaxer Commercials Song Is Stuck In Our Heads*, HuffPost, Feb., 1, 2014, [https://www.huffpost.com/entry/just-for-me-hair-relaxer-commercial-song\\_n\\_4689981](https://www.huffpost.com/entry/just-for-me-hair-relaxer-commercial-song_n_4689981).

64. But relaxer use is often painful, and the impacts can be long-lasting. Scalp burns, which can be frequent with relaxer application, can increase the risk of permanent and debilitating diseases associated with long-term exposure to endocrine-disrupting chemicals.

65. Black women with natural hairstyles, such as curly afros, braids or twists, are often perceived as less professional than Black women with straightened hair, particularly in industries where norms dictate a more conservative appearance.<sup>38</sup>

66. Black women's use of, and dependence upon, hair straightening products are associated with numerous societal factors, including (1) the legacy of slavery and internalization of acceptable beauty norms, (2) media and advertisements, and (3) assimilation and economic security, among others.<sup>39</sup>

67. In a culture that devalues the beauty of Black women, Black women internalize messages that their natural hair must be altered to be socially sanctioned and that they must alter their hair as a protective mechanism against racial discrimination. The classification of hair as "good" Black hair is popularly categorized as "bad" or "good" on the kinkiness of the hair texture and the hair texture's proximity to white hair texture. In the Dove CROWN Study for girls (2021) conducted by JOY Collective, the following statistics were discovered:<sup>40</sup>

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<sup>38</sup> Christy Zhou Koval and Ashleigh Shelby Rosette, *The Natural Hair Bias in Job Recruitment*, 12 *Social Psychology and Personality Science*, 741-750 (2020), <https://www.fuqua.duke.edu/duke-fuqua-insights/ashleigh-rosette-research-suggests-bias-against-natural-hair-limits-job>.

<sup>39</sup> Chanel Donaldson, *Hair Alteration Practices Amongst Black Women and the Assumption of Self-Hatred*, *Applied Psychology Opus*, [https://wp.nyu.edu/steinhardt-appsych\\_opus/hair-alteration-practices-amongst-black-women-and-the-assumption-of-self-hatred/](https://wp.nyu.edu/steinhardt-appsych_opus/hair-alteration-practices-amongst-black-women-and-the-assumption-of-self-hatred/).

<sup>40</sup> *The Crown Act*, Dove, <https://www.thecrownact.com/> (The CROWN Act was created in 2019 by Dove and the CROWN Coalition, in partnership with then State Senator Holly J. Mitchell of California, to ensure protection against discrimination based on race-based hairstyles by extending statutory protection to hair texture and protective styles such as braids, locks, twists, and knots in the workplace and public schools).

- a. 100% of Black elementary school girls in majority-white schools who report experiencing hair discrimination state they experience the discrimination by the age of ten (10).
- b. 86% of Black teens who experience discrimination state they have experienced discrimination based on their hair by the age of twelve (12). Additionally, Black students are three to six times more likely to be suspended or expelled from school, and today, there remains a regressive movement that continues to criminalize natural Black hairstyles under the auspices of “preparing them for the real world.” Discretionary school suspensions, particularly related to Black hairstyles are disproportionately applied.<sup>41</sup>
- c. 66% of Black girls in majority-white schools report experiencing hair discrimination compared to 45% of Black girls in all school environments.
- d. 53% of Black mothers, whose daughters have experienced hair discrimination, say their daughters experienced the discrimination as early as five (5) years old.
- e. 47% of Black mothers report having experienced discrimination related to their hair.
- f. Trauma from these experiences causes girls to miss days from school; Black teenage girls are missing a week of school per year due to hair dissatisfaction.

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<sup>41</sup> Howard Henderson and Jennifer Wyatt Bourgeois, *Penalizing black hair in the name of academic success is racist, unfounded, and against the law*, Brookings, Feb. 21, 2021, <https://www.brookings.edu/blog/how-we-rise/2021/02/23/penalizing-black-hair-in-the-name-of-academic-success-is-undeniably-racist-unfounded-and-against-the-law>.

g. While 90% of Black girls report believing their hair is beautiful, they are still subject to microaggressions and discrimination that have an impact on self-esteem.

h. Black women are 1.5 times more likely to be sent home from the workplace because of their hair.

i. Black women are 89% more likely than white women to agree with this statement, “I have to change my hair from its natural state to fit in at the office.”

## **6. Regulatory Framework**

68. The law does not require cosmetic products and ingredients, other than color additives, to have FDA approval before they go to market. But there are laws and regulations that apply to cosmetics placed into the market. The two most important laws pertaining to cosmetics marketed in the United States are the Federal Food Drug and Cosmetic Act (“FD&C Act”) and the Fair Packaging and Labeling Act (“FPLA”).

69. The FD&C Act expressly prohibits the marketing of “adulterated” or “misbranded” cosmetics in interstate commerce.

70. Adulteration refers to a violation involving product composition, whether it results from ingredients, contaminants, processing, packaging, shipping or handling.

71. Under the FD&C Act a cosmetic is adulterated if: (1) it bears or contains any poisonous or deleterious substance causing injury to the product user and (2) if its container is composed in whole or in part, of any poisonous or deleterious substance which may render the contents injurious to health.

72. Misbranding refers to violations involving improperly labeled or deceptively packaged products.

73. Under the FD&C Act, a cosmetic is misbranded if (1) labeling is false or misleading, (2) the label does not include all required information, (3) required information is not prominent and conspicuous, (4) the packaging and labeling is in violation of an applicable regulation issued pursuant to section 3 and 4 of the Poison Prevention Packaging Act of 1970.<sup>42</sup>

74. Under U.S. law, cosmetic manufacturers are not required to submit their safety data to the FDA. However, it is against the law to put an ingredient in a cosmetic that makes the cosmetic harmful when used as intended.<sup>43</sup> An example is methylene chloride, because it causes cancer in animals and is likely to be harmful to human health, too.<sup>44</sup>

75. On May 19, 2022, the FDA issued a rule to amend its food additive regulations to no longer provide for most previously-authorized phthalates to be used as food additives because these uses have been abandoned by the industry.<sup>45</sup> The FDA revoked authorizations for the food contact use of 23 phthalates and 2 other substances used as plasticizers, adhesives, defoaming agents, lubricants, resins, and slimicides.<sup>46</sup>

76. Companies and/or individuals who manufacture or market cosmetics have a legal responsibility and duty to ensure the safety of their products. Neither the law nor FDA regulations require specific tests to demonstrate the safety of individual products or ingredients, nor does the law require cosmetic companies to share their safety information with the FDA.

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<sup>42</sup> Food and Drug Administration Cosmetic Act § 602 (1938).

<sup>43</sup> *Prohibited & Restricted Ingredients in Cosmetics*, U.S. Food and Drug Administration, <https://www.fda.gov/cosmetics/cosmetics-laws-regulations/prohibited-restricted-ingredients-cosmetics>.

<sup>44</sup> 21 Code of Federal Regulations § 700.19.

<sup>45</sup> § 87 FR 31080.

<sup>46</sup> *Phthalates in Food Packages and Food Contact Applications*, U.S. Food and Drug Administration, <https://www.fda.gov/food/food-ingredients-packaging/phthalates-food-packaging-and-food-contact-applications>.

77. The FDA has consistently advised manufacturers to use whatever testing is necessary to ensure the safety of products and ingredients, which may be substantiated through (a) reliance on already available toxicological test data on individual ingredients and on product formulations that are similar in composition to the particular cosmetic and (b) performance of any additional toxicological and other tests that are appropriate in light of such existing data and information.<sup>47</sup>

78. Except for color additives and ingredients prohibited or restricted by regulation, a manufacturer may use any ingredient in the formulation of a cosmetic, provided that (1) the ingredient and the finished cosmetic are safe under labeled or customary conditions of use, (2) the product is properly labeled, and (3) the use of the ingredient does not otherwise cause the cosmetic to be adulterated or misbranded under the laws the FDA enforces.<sup>48</sup>

79. With respect to whether the product is properly labeled, Title 21 of the Code of Federal Regulations defines the establishment of warning statements related to cosmetic products. Section 740.1 states that “[t]he label of a cosmetic product shall bear a warning statement whenever necessary or appropriate to prevent a health hazard that may be associated with the product.”<sup>49</sup> As a result, manufacturers have a responsibility to ensure their cosmetic products are safe under labeled or customary conditions of use, and that they are properly labeled and not adulterated or misbranded under FDA laws.

80. In short, under the current regulatory framework in the United States, it is incumbent upon the manufacturers of cosmetic products, and them alone, to

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<sup>47</sup> *FDA Authority Over Cosmetics: How Cosmetics Are Not FDA-Approved, but Are FDA-Regulated*, U.S. Food and Drug Administration, Mar., 3, 2005, <https://www.fda.gov/cosmetics/cosmetics-laws-regulations/fda-authority-over-cosmetics-how-cosmetics-are-not-fda-approved-are-fda-regulated>.

<sup>48</sup> *Id.*

<sup>49</sup> 21 Code of Federal Regulations § 740.1.



assess the safety and efficacy of their products, and to warn consumers anytime a health hazard may be associated with their products. Here, a wealth of scientific information is available regarding long-term use of hair relaxers, straighteners, and hair dyes as containing certain endocrine-disrupting chemicals, which should have alerted manufacturers of these products to the specific and dangerous harms associated with their products when used as intended, particularly by Black women and girls to which they were specifically marketed.

## 7. **Endocrine-Disrupting Chemicals**

81. The endocrine system is indispensable for life and influences nearly every cell, organ, and process within the body.<sup>50</sup> The endocrine system regulates all biological processes in the body from conception through adulthood, including the development of the brain and nervous system, the growth and function of the reproductive system, as well as the metabolism and blood sugar levels.<sup>51</sup>

82. The endocrine system is a tightly regulated network of glands that produce and release precise amounts of hormones that bind to receptors located on specific target cells throughout the body.<sup>52</sup>

83. Hormones, such as estrogen, testosterone, progesterone, and androgen, are chemical signals that control or regulate critical biological processes.<sup>53</sup>

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<sup>50</sup> *Endocrine System: The Endocrine System Includes The Thyroid, Adrenals, and the Pituitary Gland*, Science Direct, <https://www.sciencedirect.com/topics/psychology/endocrine-system>.

<sup>51</sup> *Endocrine Disruption*, United States Environmental Protection Agency, Mar., 7, 2022, <https://www.epa.gov/endocrine-disruption/what-endocrine-system>.

<sup>52</sup> *Id.*

<sup>53</sup> *Id.*

84. When a hormone binds to a target cell's receptor, the receptor carries out the hormone's instructions (*i.e.*, the stimulus) and either switches on or switches off specific biological processes in cells, tissues, and organs.<sup>54</sup>

85. The precise functioning of the endocrine system is vital to maintain hormonal homeostasis, the body's natural hormonal production and degradation. A slight variation in hormone levels can lead to significant adverse health effects, including reproductive impairment and infertility, cancer, cognitive deficits, immune disorders, and metabolic syndrome.<sup>55</sup>

86. Endocrine disrupting chemicals ("EDCs") are chemicals, or chemical mixtures, that interfere with the normal activity of the endocrine system.

87. EDCs can act directly on hormone receptors as mimics or antagonists, or on proteins that control hormone delivery.<sup>56</sup>

88. EDCs disrupt the endocrine system and interfere with the body's hormonal homeostasis in various ways.

89. EDCs can cause the body to operate as if there were a proliferation of a hormone, and thus over-respond to the stimulus or respond when it was not supposed to by mimicking a natural hormone.

90. EDCs can increase or decrease the levels of the body's hormones by affecting the production, degradation, and storage of hormones.

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<sup>54</sup> *Id.*

<sup>55</sup> *Id.*; Michele La Merrill, et al., *Consensus on the Key Characteristics of Endocrine-Disrupting Chemicals as a Basis for Hazard Identification*, *Nature Reviews Endocrinol*, Nov., 12, 2019, <https://www.nature.com/articles/s41574-019-0273-8>

<sup>56</sup> Evanthia Diamanti-Kandarakis, et al., *Endocrine-Disrupting Chemicals: An Endocrine Society Scientific Statement*, *Endocrine Reviews*, June 30, 2009, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2726844/>.

91. EDCs can block the hormone's stimulus by inducing epigenetic changes, modifications to DNA that regulate whether genes are turned on or off or altering the structure of target cells' receptors.<sup>57</sup>

92. EDCs are known to cause numerous adverse human health outcomes including endometriosis, abnormalities in reproductive organs, various cancers, altered nervous system and immune function, respiratory problems, metabolic issues, diabetes, obesity, cardiovascular problems, growth, and neurological and learning disabilities.<sup>58</sup>

93. EDCs that mimic the effects of estrogen in the body may contribute to disease risk because exposure to estrogen, endogenously and exogenously, is associated with breast cancer, and a woman's lifetime risk of developing the disease increases with greater duration and cumulative exposure.

94. Natural and synthetic EDCs are present in hair products under the guise of "fragrance" and "perfumes," and thus enter the body when these products are exogenously applied to the hair and scalp. Studies exploring this issue have thus far classified EDCs as estrogens, phthalates, and parabens.

95. Indeed, numerous studies spanning more than two decades have demonstrated the adverse impact that EDCs, including Di-2-ethylhexylphthalate, have on the male and female reproductive systems. These impacts include inducing

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<sup>57</sup> Luis Daniel Martínez-Razo, et al., *The impact of Di-(2-ethylhexyl) Phthalate and Mono(2-ethylhexyl) Phthalate in placental development, function, and pathophysiology*, Environment International, January 2021, <https://www.sciencedirect.com/science/article/pii/S0160412020321838?via%3Dihub>.

<sup>58</sup> *Endocrine Disrupting Chemicals (EDCs)*, Endocrine Society, Jan., 24, 2022, <https://www.endocrine.org/patient-engagement/endocrine-library/edcs#:~:text=EDCs%20can%20disrupt%20many%20different,%2C%20certain%20cancers%2C%20respiratory%20problems%2C>.

endometriosis, abnormal reproductive tract formation, pregnancy loss, and abnormal puberty onset.<sup>59</sup>

## 8. Phthalates

96. Phthalates are used in a variety of cosmetics and personal care products. Phthalates are chemical compounds developed in the last century that are used to make plastics more durable. These colorless, odorless, oily liquids are also referred to as “plasticizers” based on their most common uses.

97. Phthalates also function as solvents and stabilizers in perfumes and other fragrance preparations. Cosmetics that may contain phthalates include nail polishes, hair sprays, aftershave lotions, cleansers, and shampoos.

98. At all relevant times herein, phthalates were used in Defendants’ products.

99. Phthalates are chemicals used to improve the stability and retention of fragrances and to help topical products stick to and penetrate skin and hair.<sup>60</sup>

100. Phthalates are known EDCs that interfere with natural hormone production and degradation and are detrimental to human health.<sup>61</sup>

101. Phthalates are commonly used by cosmetics and hair care product manufacturers to make fragrances and colors last longer, and to make hair more flexible after the product is applied, among other uses.

102. Phthalates can be found in most products that have contact with plastics during producing, packaging, or delivering. Despite the short half-lives in

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<sup>59</sup> Hee-Su Kim, *et al.*, *Hershberger Assays for Di-2-ethylhexyl Phthalate and Its Substitute Candidates*, Dev Reproduction, Mar. 22, 2018, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5915764/>.

<sup>60</sup> Olivia Koski & Sheila Hu, *Fighting Phthalates*, National Resources Defense Council, April 20, 2022, <https://www.nrdc.org/stories/fighting-phthalates>.

<sup>61</sup> Yufei Wang & Haifeng Qian, *Phthalates and Their Impacts on Human Health*, 9 Healthcare (Basel), 603 (2021), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8157593/>.

tissues, chronic exposure to phthalates will adversely influence the endocrine system and the functioning of multiple organs, which has negative long-term impacts on the success of pregnancy, child growth and development, and reproductive systems in both young children and adolescents. Several countries have established restrictions and regulations on some types of phthalates.<sup>62</sup>

103. Phthalates are a series of chemical substances, which are mainly used as plasticizers added to polyvinyl chloride (“PVC”) plastics for softening effects. Phthalates can potentially disrupt the endocrine system.<sup>63</sup>

104. Defendants’ products referenced herein contain phthalates, including Di-2-ethylhexylphthalate.

105. Under the authority of the Fair Packaging and Labeling Act (“FPLA”), the FDA requires an ingredient declaration on cosmetic products sold at the retail level to consumers.

106. However, the regulations do not require the listing of the individual fragrance or flavor, or their specific ingredients, meaning phthalates evade listing when combined with a fragrance. As a result, consumers, such as Plaintiff, are not able to determine from the ingredient declaration on the label if phthalates were present in a fragrance used in the herein-referenced hair products used by the Plaintiff and placed into the stream of commerce by Defendants.

107. Since 1999, the Centers for Disease Control (“CDC”) have found phthalates in individuals studied for chemical exposure.<sup>64</sup> Neither IARC nor NTP has evaluated DEHP with respect to human carcinogenicity.

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<sup>62</sup> *Id.*

<sup>63</sup> *Id.*

<sup>64</sup> *Biomarker Groups*, National Report on Human Exposure to Environmental Chemicals, Center for Disease Control, [https://www.cdc.gov/exposurereport/pdf/Biomarker\\_Groups\\_Infographic-508.pdf](https://www.cdc.gov/exposurereport/pdf/Biomarker_Groups_Infographic-508.pdf).

## 9. Di-2-ethylhexylphthalate

108. Di-2-ethylhexylphthalate<sup>65</sup> (“DEHP”) is a highly toxic manufactured chemical<sup>66</sup> that is not found naturally in the environment.<sup>67</sup>

109. DEHP belongs to the family of chemicals called phthalates.<sup>68</sup>

110. DEHP was first used in 1949 in the United States and has been the most abundantly used phthalate derivative in the Twentieth century.<sup>69</sup>

111. DEHP does not covalently bind to its parent material. Non-covalent bonds are weak and, as a result, DEHP readily leaches into the environment increasing human exposure.<sup>70</sup>

112. Humans are exposed to DEHP through ingestion, inhalation, and dermal exposure for their lifetimes, including intrauterine life.<sup>71</sup>

113. The Agency for Toxic Substances and Disease Registry (“ATSDR”) estimates that the range of daily human exposure to DEHP is 3–30 µg/kg/day.<sup>72</sup>

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<sup>65</sup> Also known as Bis(2-ethylhexyl) phthalate.

<sup>66</sup> Sai Rowdhwai & Jiayang Chen, *Toxic Effects of Di-2-ethylhexyl Phthalate: An Overview*, Biomed Research International, Feb. 22, 2018 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5842715/#:~:text=DEHP%20is%20noncovalently%20bound%20to,and%20plastic%20waste%20disposal%20sites>.

<sup>67</sup> *Toxicological Profile for Di(2-Ethylhexyl) Phthalate (DEHP)*, U.S. Dept of Health and Human Services, January 2022, <https://www.atsdr.cdc.gov/ToxProfiles/tp9.pdf> (DEHP is listed as hazardous pollutants under the Clean Air Act.; DEHP is on the Proposition 65 list because it can cause cancer and birth defects or other reproductive harm).

<sup>68</sup> *Di(2-ethylhexyl) phthalate (DEHP)*, Proposition 65, California. Gov, <https://www.p65warnings.ca.gov/fact-sheets/di2-ethylhexylphthalate-dehp>.

<sup>69</sup> Pinar Erkekoglu & Belma Kocer-Gumusel, *Environmental Effects of Endocrine-Disrupting Chemicals: A Special Focus on Phthalates and Bisphenol A*, Environmental Health Risk, June 16, 2016, <https://www.intechopen.com/chapters/50234>.

<sup>70</sup> Katelyn H. Wong & Timur Durrani, *Exposures to Endocrine Disrupting Chemicals in Consumer Products – A Guide for Pediatricians, Current Problems in Pediatric and Adolescent Health Care*, Science Direct, May 2017, <https://www.sciencedirect.com/science/article/pii/S1538544217300822?via%3Dihub>.

<sup>71</sup> Schmidt, Juliane-Susanne, et al., *Effects of Di(2-ethylhexyl) Phthalate (DEHP) on Female Fertility and Adipogenesis in C3H/N Mice*, Environmental Health Perspective, May 15, 2012, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3440070/>.

<sup>72</sup> Hannon, Patrick et al., *Daily Exposure to Di(2-ethylhexyl) Phthalate Alters Estrous Cyclicity and Accelerates Primordial Follicle Recruitment Potentially Via Dysregulation of the*

114. The no-observed-adverse-effect level for DEHP to humans is 4.8 mg/kg bodyweight/day and the tolerated daily intake (TDI) is 48 µg/kg bodyweight.<sup>73</sup>

<b>Endpoint</b>	<b>Cancer (NSRL)</b>		<b>Developmental and Reproductive Toxicity (MADL)</b>	
<b>Route of Exposure</b>	Oral	Inhalation	Oral	Inhalation
<b>DEHP</b>	310 µg/day	N.C.	410 µg/day	N.C.
Source: OEHHA's safe harbor levels for TDCIPP, DBP, DEHP, benzene, and formaldehyde. N.C. = not calculated by OEHHA as of August 2020. <sup>74</sup>				

115. When DEHP enters the human body, it breaks down into specific metabolites. The toxicity of DEHP is mainly attributed to its unique metabolites which include the primary metabolite, mono-(2-ethylhexyl)phthalate (MEHP), and secondary metabolites, mono-(2-ethyl-5-hydroxyhexyl)phthalate (MEHHP), and mono-(2-ethyl-5-oxohexyl)phthalate (MEOHP).<sup>75</sup>

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*Phosphatidylinositol 3-Kinase Signaling Pathway in Adult Mice*, 90 *Biology of Reproduction*, Article 136, 1–11 (2014), <https://academic.oup.com/biolreprod/article/90/6/136,%201-11/2514356>.

<sup>73</sup> Yufei Wang & Haifeng Qian, *Phthalates and Their Impacts on Human Health*, 9 *Healthcare* (Basel), 603 (2021), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8157593/>.

<sup>74</sup> Aalekhya Reddam & David Volz, *Inhalation of two Prop 65-listed Chemicals Within Vehicles May Be Associated with Increased Cancer Risk*, 149 *Environment International* (2021), <https://www.sciencedirect.com/science/article/pii/S016041202100026X>.

<sup>75</sup> Saab, Yolande, et. al., *Risk Assessment of Phthalates and Their Metabolites in Hospitalized Patients: A Focus on Di- and Mono-(2-ethylhexyl) Phthalates Exposure from Intravenous Plastic Bags*, 10 *Toxics*, 357 (2022) <https://pubmed.ncbi.nlm.nih.gov/35878262/>; Ishtaf Sheikh, et al., *Endocrine disruption: In silico perspectives of interactions of di-(2-ethylhexyl)phthalate and its five major metabolites with progesterone receptor*, 16 *BMC Structural Biology* (2016), <https://bmcstructbiol.biomedcentral.com/articles/10.1186/s12900-016-0066-4> (Other secondary metabolites include mono (2-ethyl-5-carboxypentyl) phthalate (5-cx-MEPP) and mono[2-(carboxymethyl)hexyl]phthalate (2-cx-MMHP)).

116. DEHP and its metabolites are known to cause significant adverse-health effects including but not limited to endometriosis, developmental abnormalities, reproductive dysfunction and infertility,<sup>76</sup> various cancers, and metabolic syndrome within humans and their future children.<sup>77</sup>

117. Most of the available studies on the health effects of DEHP on laboratory animals used oral administration, with a few inhalation studies and only two dermal exposure studies identified.<sup>78</sup>

118. The results of the selected animal studies, along with limited human data, suggest potential associations between DEHP exposure and the following health outcomes:

a. **Reproductive effects.** Epidemiological studies suggest a potential association between DEHP exposure and decreased serum testosterone and altered sperm parameters in males. Available studies on fertility effects in humans do not indicate an association between DEHP exposure and infertility. In animals, the available oral and inhalation studies provide evidence that the male reproductive system, particularly the testes, is susceptible to DEHP toxicity. Evidence from animal studies indicates decreased male and female fertility at high oral doses.

b. **Developmental effects.** Epidemiological studies suggest a potential association between reduced AGD and testicular descent in male infants and prenatal DEHP exposure. In addition, human epidemiological studies provide

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<sup>76</sup> Richardson, Kadeem et. al., *Di(2-ethylhexyl) Phthalate (DEHP) Alters Proliferation and Uterine Gland Numbers in the Uterine of Adult Exposed Mice*, 77 *Reproductive Toxicology*, 70-79 (2018), <https://pubmed.ncbi.nlm.nih.gov/29458081/>.

<sup>77</sup> Yufei Wang & Haifeng Qian, *Phthalates and Their Impacts on Human Health*, 9 *Healthcare (Basel)*, 603 (2021), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8157593/>.

<sup>78</sup> *Chapter 2: Health Effects*, Agency for Toxic Substances and Disease Registry: Toxicological profile for Di(2-ethylhexyl) phthalate (DEHP), Jan. 21, 2022, <https://www.atsdr.cdc.gov/ToxProfiles/tp9-c2.pdf>.



mixed results for potential relationships between exposure to DEHP and preterm birth, early puberty, and delayed mental and psychomotor development in children. Studies of animals indicate that altered glucose homeostasis and the development of the reproductive system following early life exposure is a particularly sensitive target of DEHP toxicity.

119. The global consumption of DEHP was estimated at 3.07 million tons (global demand for plasticizers continues to rise). The estimated global market of phthalates in 2020 was expected to reach USD \$10 billion and would still be widely used in plasticizers.<sup>79</sup>

120. Human epidemiological studies have shown a significant association between phthalates exposures and adverse reproductive outcomes in both women and men.<sup>80</sup>

121. Evidence found that DEHP was significantly related to insulin resistance and higher systolic blood pressure and problems with the reproduction system, including earlier menopause, low birth weights, pregnancy loss, and preterm births.<sup>81</sup>

122. When it comes to the impacts on children, epidemiological studies about phthalates toxicity focused on pregnancy outcomes, genital development, semen quality, precocious puberty, thyroid function, respiratory symptoms, and neurodevelopment.<sup>82</sup>

123. Since the turn of the century, restrictions on phthalates have been proposed in many Asian and Western countries. In 2008, the U.S. Congress

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<sup>79</sup> *Id.*

<sup>80</sup> *Id.*

<sup>81</sup> N.M. Grindler, et al., *Exposure to Phthalate, an Endocrine Disrupting Chemical, Alters the First Trimester Placental Methylome and Transcriptome in Women*, 8 *Scientific Reports: Article* 6086 (2018), <https://doi.org/10.1038/s41598-018-24505-w>.

<sup>82</sup> *Id.*

announced the Consumer Protection Safety Act (CPSA) that permanently banned products, especially children's toys and childcare articles, containing DEHP, DBP, and BBP at levels >0.1% by weight.<sup>83</sup>

**B. Gynecological Cancer Associated with Exposure to Endocrine Disrupting Chemicals**

124. Uterine cancer is associated with phthalate metabolites found in hair care products.

125. Uterine cancer<sup>84</sup> is among the more common (the fourth most common) cancers in women in developed countries,<sup>85</sup> accounting for about 3% of all new cancer cases.<sup>86</sup>

126. Every year, around 65,000 females develop uterine cancer in the U.S.A. alone, out of which more than 90% is of endometrial origin. It is commonly diagnosed in the seventh decade, with the mean age being 61 years.<sup>87</sup>

127. The incidence in Black women is twice that of white women.<sup>88</sup> In addition, Black women with uterine cancer carry a poorer prognosis as compared to white women.<sup>89</sup>

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<sup>83</sup> Consumer Product Safety Improvement Act of 2008, H.R. 4040, 110th Cong. (2008), <https://www.congress.gov/110/plaws/publ314/PLAW-110publ314.pdf>.

<sup>84</sup> Otherwise known as endometrial carcinoma.

<sup>85</sup> Unaiza Faizan & Vijayadershan Muppidi, *Uterine Cancer*, National Library of Medicine: StatPearls, Sept. 5, 2022, <https://www.ncbi.nlm.nih.gov/books/NBK562313/>.

<sup>86</sup> *Cancer Stat Facts: Uterine Cancer*, National Cancer Institute, <https://seer.cancer.gov/statfacts/html/corp.html>

<sup>87</sup> *Id.*

<sup>88</sup> *Id.*

<sup>89</sup> Joel Sorosky, *Endometrial Cancer*, 120 *Obstetrics & Gynecology*, 383-397 (2012), <https://pubmed.ncbi.nlm.nih.gov/22825101/>.

128. Though death rates from other cancers in women have declined in recent years, death rates for uterine cancer have increased by more than 100% in the last 20 years.<sup>90</sup>

129. Indeed, new cases of uterine cancer have increased by 0.6 percent per year from 2010 to 2019, and death rates have risen an average of 1.7 percent per year during the same time frame.<sup>91</sup>

130. A groundbreaking study recently found that women who use chemical hair straightening or relaxing products have a higher risk contracting of uterine cancer.<sup>92</sup>

131. The study found that an estimated 1.64% of women who never used chemical hair straighteners or relaxers would go on to develop uterine cancer by the age of 70; but for frequent users, that risk more than doubles, increasing to 4.05%.<sup>93</sup>

132. Further, frequent exposure to the phthalates and other endocrine disrupting compounds found in hair relaxers has been associated with a higher risk of ovarian cancer.<sup>94</sup>

133. Ovarian cancer is responsible for more deaths among US women than any other reproductive cancer.<sup>95</sup>

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<sup>90</sup> Linda Duska, et al., *Treatment of Older Women With Endometrial Cancer: Improving Outcomes With Personalized Care*, American Society of Clinical Oncology Educational: Book 36, 164-74, May 19, 2016, <https://pubmed.ncbi.nlm.nih.gov/27249697/>.

<sup>91</sup> 88 Jack J. Lee, *Rising Endometrial Cancer Rate Spur New Approaches to Prevention*, National Cancer Institute: Division of Cancer Prevention, June 28, 2022, <https://prevention.cancer.gov/news-and-events/blog/rising-endometrial-cancer>.

<sup>92</sup> 89 Che-Jung Chang, et al., *Use of Straighteners and Other Hair Products and Incident Uterine Cancer*, *Journal of the National Cancer Institute*, Oct., 17, 2022, <https://pubmed.ncbi.nlm.nih.gov/36245087/>.

<sup>93</sup> *Id.*

<sup>94</sup> Alexandra White, et al., *Use of hair products in relation to ovarian cancer risk*, 42 *CARCINOGENESIS* 1189, 1191-1192 (2021), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8561257/pdf/bgab056.pdf>.

<sup>95</sup> *Id.* at 1189.

134. Although Black women are less likely than other racial/ethnic groups to be diagnosed with ovarian cancer, they have disproportionately lower survival rates after diagnosis.<sup>96</sup>

135. Frequent use (>4 times/year) of straighteners was strongly associated with ovarian cancer, compared to persons who never use.<sup>97</sup>

136. A study has found that the differences in personal care product use patterns, including more frequent use of straighteners, likely contribute to the higher body burden of endocrine disrupting compounds in non-Hispanic Black women compared to non-Hispanic white women.<sup>98</sup>

137. Thus, these risks are more substantial among Black women, who make up the overwhelming majority of customers for hair straightening and hair relaxing products, including Defendants' products.

### **C. Ms. Wanjohi's Use of Hair Relaxing Products**

138. Ms. Wanjohi continuously used the Defendants' products approximately once a month for decades.

139. There was never any warning or labeling on the Products that normal use of the Products could cause her to develop cancer.

140. Ms. Wanjohi was diagnosed with ovarian cancer and needed to perform invasive procedures and commence chemotherapy in an attempt to stop the cancer from progressing.

## **IV. TOLLING OF THE STATUTE OF LIMITATIONS**

### **A. Fraudulent Concealment Tolling**

141. Upon information and belief, Defendants have known or should have known that the Products cause ovarian and uterine cancer based on their

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<sup>96</sup> *Id.* at 1192.

<sup>97</sup> *Id.* at 1191.

<sup>98</sup> *Id.*

manufacturing, marketing, testing, promoting, selling and/or distributing of the Products, knowledge of the ingredients contained in the Products, and the scientific knowledge available to the Defendants on the impact of hair relaxers. Instead of identifying and disclosing the adverse side effects of the Products, Defendants deliberately concealed the adverse side effects of the Products from the public.

142. Defendants' knowledge and deliberate concealment toll any applicable statute of limitations.

**B. Estoppel**

143. Defendants were and are under a continuous duty to disclose to Plaintiff the true character, quality, and nature of the Products for which it actively concealed—and continues to conceal—the adverse side effects and the true character, quality, and nature of the Products while knowingly making false representations that describe the Products as protective, nourishing, and healthy. Plaintiffs reasonably relied upon Defendants' false representations and/or active concealment of these facts. Based on the foregoing, Defendants are estopped from relying on any statute of limitations in defense of this action.

**C. Discovery Rule**

144. The causes of action alleged herein did not accrue until Plaintiff discovered that the Product was defective.

145. A cause of action does not accrue until a plaintiff discovers or by the exercise of reasonable diligence should have discovered that he or she has been injured by the defendant's conduct.

146. Plaintiff had no realistic ability to discern that the Products were defective until – at the earliest – after she was diagnosed with cancer. Even then, Plaintiff had no reason to know that years of using Defendants' Products would cause cancer because of Defendants' deliberate concealments and

misrepresentations about the true nature, character, and quality of the Products. Not only did Defendants not warn Plaintiff that the Products caused adverse side effects, including cancer, Defendants falsely represented that the Products were protective, nourishing, and healthy. Thus Plaintiff was not reasonably able to discover the adverse side effects of the Products until after years of purchasing and using the Products, despite using the Products as instructed, and her causes of action did not accrue until, at the earliest, she discovered that the Products had adverse side effects that caused cancer.

**COUNT ONE  
STRICT LIABILITY  
(FAILURE TO WARN)**

147. Plaintiff repeats and realleges all allegations as if fully set forth herein.

148. At all pertinent times, the Defendants were manufacturing, marketing, testing, promoting, selling and/or distributing the Products in the regular course of business.

149. At all pertinent times, Plaintiff used the Products on her scalp area, which is a reasonably foreseeable use.

150. At all pertinent times, Defendants in this action knew or should have known that the use of phthalates and other EDCs in hair products significantly increases the risk of cancer, based upon scientific knowledge.

151. At all pertinent times, including the time of sale and consumption, the Products, when put to the aforementioned reasonably foreseeable use, were in an unreasonably dangerous and defective condition because they failed to contain adequate and proper warnings and/or instructions regarding the increased risk of cancer associated with the use of the Defendant's hair products. Manufacturers, such as Defendants, generally have a duty to warn consumers of foreseeable risks of harm from using their products. Defendants themselves failed to properly and

adequately warn and instruct Plaintiff as to the risks and benefits of the Products given her need for this information.

152. Had Plaintiff received a warning that the use of the Products would significantly increase her risk of developing cancer, she would not have used them. As a proximate result of Defendants' design, manufacture, marketing, sale, and distribution of the Products, Plaintiff suffered injuries and damages including, but not limited to, physical and mental pain and suffering, and medical expenses.

153. The development of cancer by Plaintiff was the direct and proximate result of the unreasonably dangerous and defective condition of the Products at the time of sale and consumption, including their lack of warnings; Plaintiff suffered injuries and damages including, but not limited to, physical and mental pain and suffering, and medical expenses.

154. Defendants' products were defective because they failed to contain warnings and/or instructions, breached express warranties and/or failed to conform to express factual representations upon which Plaintiff justifiably relied in electing to use the Products. The defect or defects made the Products unreasonably dangerous to persons, such as Plaintiff, who could reasonably be expected to use and rely upon such products. As a result, the defect or defects were a producing cause of Plaintiff's injuries and damages.

155. Defendants' products failed to contain, and to this day fail to contain, adequate warnings and/or instructions regarding the increased risk of developing cancer with the use of their products by women. Defendants continue to market, advertise, and expressly represent to the general public that it is safe for women to use their products. These Defendants continue with these marketing and advertising campaigns despite having scientific knowledge that dates back to 2011 that their products posed a risk to the reproductive health of women.

156. Plaintiff sustained the following damages as a foreseeable, direct, and proximate result of Defendants' acts and/or omissions:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**COUNT TWO  
STRICT LIABILITY  
(DESIGN AND/OR MANUFACTURING DEFECT)**

157. Plaintiff repeats and realleges all allegations as if fully set forth herein.

158. Defendants engaged in the design, development, manufacture, marketing, sale, and distribution of the Products in a defective and unreasonably dangerous condition to consumers, including Plaintiff.

159. Defendants caused the Products to enter the stream of commerce and to be sold through various retailers, where Plaintiff purchased the Products.

160. The Products were expected to, and did, reach consumers, including Plaintiff, without change in the condition in which it was manufactured and sold by Defendants and/or otherwise released into the stream of commerce.

161. Plaintiff used the Products in a manner normally intended, recommended, promoted, and marketed by Defendants.

162. Products failed to perform safely when used by Plaintiff in a reasonably foreseeable manner, specifically increasing her risk of developing uterine and ovarian cancer.

163. The propensity of phthalates and other endocrine receptive chemicals to trigger cancerous growths in premenopausal women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, uterine and ovarian cancer, renders the Products unreasonably



dangerous when used in the manner it was intended and to an extent beyond what would be contemplated by the ordinary consumer.

164. Importantly, the Products are inessential cosmetic products that do not treat or cure any serious disease. Further, safer alternatives, including fragrance-free products, have been readily available for decades.

165. Defendants have known, or should have known, that the Products are unreasonably dangerous but have continued to design, manufacture, sell, distribute, market, promote, and supply the Products so as to maximize sales and profits at the expense of public health and safety, in conscious disregard of the foreseeable harm to the consuming public, including Plaintiff.

166. As a direct and proximate result of Defendants' conduct, including actions, omissions, and misrepresentations, Plaintiff sustained the following damages:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**COUNT THREE  
NEGLIGENCE  
(NEGLIGENT FAILURE TO WARN)**

167. Plaintiff repeats and realleges all allegations as if fully set forth herein.

168. At all relevant times, Defendants engaged in the design, development, manufacture, marketing, sale, and distribution of the Products in a defective and unreasonably dangerous condition to consumers, including Plaintiff.

169. Defendants knew, or by the exercise of reasonable care, should have known and warned, that use of their Products was dangerous, harmful, and injurious when used by Plaintiff in a reasonably foreseeable manner.

170. Defendants knew, or by the exercise of reasonable care, should have known, that ordinary consumers such as Plaintiff would not have realized the potential risks and dangers of their Products, and that Products were likely to increase the risks of cancerous growths in premenopausal women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, uterine and ovarian cancer, when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

171. Defendants owed a duty to all reasonably foreseeable consumers to disclose the risks associated with the use of their Products.

172. Defendants breached their duty of care by failing to use reasonable care in providing adequate warnings on their Products, including that Products were likely to increase the risks of cancerous growths in premenopausal women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, uterine and ovarian cancer, when used in the manner it was intended and to an extent beyond what would be contemplated by the ordinary consumer.

173. The failure of Defendants to adequately warn about their defective products, and their efforts to misleadingly advertise through conventional avenues, created a danger of injuries described herein that were reasonably foreseeable at the time of design and/or manufacture and distribution.

174. At all relevant times, Defendants could have provided adequate warnings and instructions to prevent the harms and injuries set forth herein, such as providing full and accurate information about the products in advertising.

175. A reasonable company under the same or similar circumstances would have warned and instructed of the dangers.

176. Plaintiff was injured as a direct and proximate result of Defendants' failure to warn and instruct because she would not have used the Products had she received adequate warnings and instructions that the Products could increase the risks of cancerous growths in premenopausal women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, uterine and ovarian cancer, when used in the manner it was intended and to an extent beyond what would be contemplated by the ordinary consumer.

177. Defendants' lack of adequate and sufficient warnings and instructions, and their inadequate and misleading advertising, was a substantial contributing factor in causing harm to Plaintiff.

178. As a direct and proximate result of Defendants' conduct, including actions, omissions, and misrepresentations, Plaintiff sustained the following damages:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**COUNT FOUR  
NEGLIGENCE  
(DESIGN AND/OR MANUFACTURING DEFECT)**

179. Plaintiff repeats and realleges all allegations as if fully set forth herein.

180. At all relevant times. Defendants engaged in the design, development, manufacture, marketing, sale, and distribution of the Products in a defective and unreasonably dangerous condition to consumers, including Plaintiff.

181. Defendants caused the Products to enter the stream of commerce and to be sold through various retailers, where Plaintiff purchased the Products.

182. The Products were expected to, and did, reach consumers, including Plaintiff, without change in the condition in which it was manufactured and sold by Defendants and/or otherwise released into the stream of commerce.

183. Plaintiff used the Products in a manner normally intended, recommended, promoted, and marketed by Defendants.

184. Products failed to perform safely when used by Plaintiff in a reasonably foreseeable manner, specifically increasing her risk of developing cancer.

185. The propensity of phthalates and other endocrine receptive chemicals to trigger cancerous growths in premenopausal women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, uterine and ovarian cancer, renders the Products unreasonably dangerous when used in the manner it was intended and to an extent beyond what would be contemplated by the ordinary consumer.

186. Importantly, the Products are inessential cosmetic products that do not treat or cure any serious disease. Further, safer alternatives, including fragrance-free products, have been readily available for decades.

187. Defendants knew, or by the exercise of reasonable care should have known, that the Products are unreasonably dangerous but have continued to design, manufacture, sell, distribute, market, promote, and supply the Products so as to maximize sales and profits at the expense of public health and safety in conscious disregard of the foreseeable harm to the consuming public, including Plaintiff.

188. As Defendants, with such presumed knowledge, put this product on the market without changing the design, the product is defective and unreasonably dangerous because of a design defect.

189. Defendants owed a duty to all reasonably foreseeable users to design a safe product.

190. Defendants breached their duty by failing to use reasonable care in the design and/or manufacturing of their Products because the Products were unreasonably dangerous in that they increase the risks of cancerous growths in premenopausal women, including, but not limited to, the uterus, thereby substantially increasing the risk of cancer, including, but not limited to, uterine and ovarian cancer, renders the Products unreasonably dangerous when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

191. Defendants also breached their duty by failing to use reasonable care by failing to use cost-effective, reasonably feasible alternative designs in the design and/or manufacturing of their Products.

192. A reasonable company under the same or similar circumstances would have designed a safer product.

193. As a direct and proximate result of Defendants' conduct, including actions, omissions, and misrepresentations, Plaintiff sustained the following damages:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**COUNT FIVE  
NEGLIGENCE  
(NEGLIGENCE AND/OR GROSS NEGLIGENCE)**

194. Plaintiff repeats and realleges all allegations as if fully set forth herein.

195. The Defendants' negligence and extreme carelessness include, but are not limited to, their marketing, designing, manufacturing, producing, supplying,

inspecting, testing, selling and/or distributing the Products in one or more of the following respects:

- a. In failing to warn Plaintiff of the hazards associated with the use of the Products;
- b. In failing to properly test their products to determine adequacy, effectiveness, or safety measures, if any, prior to releasing the Products for consumer use;
- c. In failing to properly test their products to determine the increased risk of uterine and ovarian cancer during the normal and/or intended use of the Products;
- d. In failing to inform ultimate users, such as Plaintiff, as to the safe and proper methods of handling and using the Products;
- e. In failing to remove the Products from the market when Defendants knew or should have known the Products were defective;
- f. In failing to instruct the ultimate users, such as Plaintiff, as to the methods for reducing the type of exposure to the Products which caused an increased risk of cancer, including, but not limited to, uterine and ovarian cancer;
- g. In failing to inform the public in general and Plaintiff in particular of the known dangers of using the Products;
- h. In failing to advise users how to prevent or reduce the exposure that caused an increased risk for cancer, including, but not limited to, uterine and ovarian cancer;
- i. In marketing and labeling the Products as safe for all uses despite knowledge to the contrary;
- j. In failing to act like a reasonably prudent company under similar circumstances. Each and all of these acts and omissions, taken singularly or

in combination, were a proximate cause of the injuries and damages sustained by Plaintiff.

196. At all pertinent times, the Defendants knew or should have known that the Products were unreasonably dangerous and defective when put to their reasonably anticipated use.

197. Defendants' acts and/or omissions constitute gross negligence because they constitute a total lack of care and an extreme departure from what a reasonably careful company would do in the same situation to prevent foreseeable harm to Plaintiff.

198. Defendants knew or had reason to know facts which would lead a reasonable company to realize that their conduct not only creates an unreasonable risk of bodily harm to others but also involves a high probability that substantial harm will result.

199. Defendants acted and/or failed to act willfully, and with conscious and reckless disregard for the rights and interests of Plaintiff, and their acts and omissions had a great probability of causing significant harm and in fact resulted in such harm to Plaintiff.

200. Plaintiff was injured as a direct and proximate result of negligence and/or gross negligence as described herein.

201. Defendants' negligence and/or gross negligence were a substantial factor in causing and/or contributing to Plaintiff's harms.

202. Plaintiff sustained the following damages as a foreseeable, direct, and proximate result of Defendants' acts and/or omissions:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, and loss of enjoyment and impairment of quality of life, past and future.

**COUNT SIX  
NEGLIGENCE  
(NEGLIGENT MISREPRESENTATION)**

203. Plaintiff repeats and realleges all allegations as if fully set forth herein.

204. Defendants had a duty to accurately and truthfully represent to consumers, Plaintiff, and the public, that the Products had been tested and found to be safe and effective for use. The representations made by Defendants, in fact, were false.

205. Defendants negligently misrepresented that their Products were nourishing, protective, and did not have the high risk of unreasonable, dangerous, and adverse side effects to induce Plaintiff to purchase their Products.

206. Defendants did not have reasonable grounds to believe their Products were nourishing, protective, and without adverse side effects based on their manufacture, sale, testing, quality assurance, quality control, and distribution of the Products. Defendants knew, and had reason to know, that the Products had been insufficiently tested, or had not been tested at all, and that they lacked adequate and accurate warnings, and that they created a high risk, and/or higher than acceptable risk, and/or higher than reported and represented risk, of adverse side effects, including, but not limited to cancer.

207. Plaintiff justifiably relied on Defendants' misrepresentations that their Products were nourishing and did not have adverse side effects because Plaintiff used the Products as directed.

208. Plaintiff sustained the following damages as a result of justifiably relying on Defendants' misrepresentations that the Products were nourishing, protective, and without side effects:

- a. Economic losses including medical care and lost earnings; and



b. Noneconomic losses including physical and mental pain and suffering, infertility, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

### **COUNT SEVEN FRAUD**

209. Plaintiff repeats and realleges all allegations as if fully set forth herein.

210. Defendants, who engaged in the development, manufacture, marketing, sale and distribution of cosmetic and personal care products, including the Products, owed a duty to provide accurate and complete information.

211. Defendants fraudulently misrepresented the use of the Products as safe and effective, specifically:

a. Defendants L'Oréal's Products are intentionally labeled as "Botanicals" and with "Natural" ingredients that are "Ultra Nourishing," including but not limited to using "Natural Plant Oils and Butters;" that promote "Healthy Hair;"

b. Defendant Namaste's Products are marketed as "Olive Oil" products to imply natural products, and their Products are advertised as having "Built-In Protection;"

c. Defendant Namaste's website states that their Products use "Rich Olive and Avocado Oils" that they claim "moisturize and condition while Aloe Vera protects the skin and scalp."

d. Defendant Namaste represents its Products "use[] the latest technology to safely elongate tight coils."

e. Defendant Namaste go so far as to represent that "key features" of their product provide "protection and create 'quality' and 'healthy-looking' hair."

f. Defendant Godrej represents that its Products “strengthen and protect”, as well as nourish, hair.

g. Defendant Strength of Nature represents that its Products “nourishes” hair, creates “healthy looking” hair, and promotes hair growth.

212. Defendants knew that these misrepresentations were material, and that they were false, incomplete, misleading, deceptive and deceitful when they were made.

213. Defendants made the misrepresentations for the purpose of deceiving and defrauding consumers, including Plaintiff, with the intention of having them act and rely on such misrepresentations.

214. Plaintiff relied, with reasonable justification, on the misrepresentations by Defendants, that hair relaxers were nourishing and protective, which induced her to purchase and use the Products on a regular basis. Had Defendants disclosed the adverse side-effects of the Products, Plaintiff would not have purchased or used them.

215. Defendants profited, significantly, from their unethical and illegal conduct that fraudulently induced Plaintiff, and millions of other consumers, to purchase these dangerous and defective Products.

216. Defendants’ actions, and Plaintiff’s justifiable reliance thereon, caused Plaintiff to purchase and use the Products to her detriment.

217. As a foreseeable, direct, and proximate result of the aforementioned fraudulent misrepresentations by Defendants, Plaintiff sustained the following damages:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

**COUNT EIGHT  
FRAUDULENT CONCEALMENT**

218. Plaintiff repeats and realleges all allegations as if fully set forth herein.

219. Defendants owed consumers, including Plaintiff, a duty to fully and accurately disclose all material facts regarding the Products, not to conceal material defects related thereto, not to place these defective Products into the stream of commerce, and to fully and accurately label the Products. To the contrary, Defendants explicitly and/or implicitly represented that the Products were safe, effective, and healthy.

220. Defendants actively and intentionally concealed and/or suppressed material facts, in whole or in part, to induce consumers, including Plaintiff, to purchase and use the Products and did so at her expense. Specifically:

a. Defendants have been aware of the positive association between DEHP used in their products and an increased risk of cancer, demonstrated by epidemiology studies since at least 2015 that indicate exposure to the phthalates in their products enhances invasive and proliferative activities of endometrial cells.

221. Recent studies have established a statistically significant correlation between Defendants' Products and uterine and ovarian cancer.

222. Defendants made concealed material facts regarding the adverse side effects of the Products for the purpose of deceiving and defrauding Plaintiff and with the intention of having her act and rely on misrepresentations and omissions.

223. Defendants knew that their concealments, misrepresentations and omissions were material, and that they were false, incomplete, misleading, deceptive, and deceitful when they were made. Alternatively, Defendants concealed information, and/or made the representations with such reckless disregard for the truth that knowledge of the falsity can be imputed to them.

224. Defendants profited, significantly, from their unethical and illegal conduct that caused Plaintiff to purchase and habitually use the dangerous and defective Products.

225. Defendants' actions and representations, and Plaintiff's justifiable reliance thereon, caused her injury and damages.

226. Had Defendants disclosed the adverse side-effects of the Products, Plaintiff would not have purchased or used them.

227. Plaintiff sustained the following damages as a result of Defendants' acts and/or omissions:

- a. Economic losses including medical care and lost earnings; and
- b. Noneconomic losses including physical and mental pain and suffering, emotional distress, inconvenience, loss of enjoyment and impairment of quality of life, past and future.

### **COUNT NINE MEDICAL MONITORING**

228. Plaintiff repeats and realleges all allegations as if fully set forth herein.

229. At all relevant times, Defendants designed, developed, managed, operated, inspected, tested (or not), marketed, advertised, promoted, disseminated, made publicly available, and/or benefited from the Products and, therefore, owed a duty of reasonable care to avoid causing harm to those who used the Products, such as Plaintiff.

230. Defendants knew, or through the exercise of reasonable care, should have known, the risks to consumers posed by the Products.

231. Defendants knew or, by the exercise of reasonable care, should have known, that use of the Products was harmful and had the potential to increase the risks of cancerous growths in premenopausal women, including, but not limited to,

the uterus, thereby substantially increasing the risk of cancer, and renders the Products unreasonably dangerous when used in the manner it was intended and to an extent beyond that would be contemplated by the ordinary consumer.

232. Defendants owed a duty to the users of the Products, including Plaintiff, to exercise reasonable care in conducting their business to properly and reasonably design, research, develop, manufacture, produce, process, assemble, inspect, supply, distribute, deliver, broker, market, warn, maintain, repair, modify, recall, retrofit, engineer, test, recommend, advertise, and/or make available the Products.

233. Defendants also owed a continuing duty to Plaintiff to remove, recall, or retrofit the unsafe and/or defective Products across the United States (including in Plaintiff's state).

234. As discussed, Defendants knew or reasonably should have known that the Products were dangerous and not safe for use.

235. As a direct and proximate result of Defendants' conduct, Plaintiff has developed mental and physical health issues that will require life-long monitoring treatment.

236. As a direct and proximate result of Defendants' conduct, Plaintiff has a significantly increased risk of developing serious latent disease and/or injury, suffering further injury at an unknown date in the future.

237. Monitoring procedures exist that make the early detection and prevention of the above EDC-related and/or induced diseases and mental health issues possible. Many of the above physical and mental issues can lead to other long-term physical and mental health injuries that can be detected and prevented by existing medical and psychological testing and treatment.

238. These procedures are different from those normally recommended in the absence of exposure. These monitoring procedures include non-routine

surveillance studies, laboratory testing, and physical examinations, and would be reasonably necessary according to contemporary scientific principles.

239. The injuries Defendants' Products cause on the human body have already been inflicted on its users, such as Plaintiff, but the full extent of the injury will not manifest until later in Plaintiff's life. Thus, because of Defendants' conduct, it is reasonably necessary that Plaintiff be placed under periodic screening and/or diagnostic testing beyond that normally recommended in the absence of the issues Plaintiff has suffered due to use of these Products.

240. When the evidence shows the toxicity of a contaminant, the seriousness of the diseases for which individuals are at risk, the relative increase in the chance of onset of the disease in those exposed and the value of early diagnosis, surveillance to monitor the effects of exposure to toxic chemicals is reasonable and necessary, and its cost is a compensable item of damages.

241. Plaintiff demands judgment against Defendants for medical monitoring damages to diagnose the Product-induced injuries at an earlier date to allow for timely treatment and prevention of exacerbation of injuries, together with interest, costs of suit, attorneys' fees, and all such other relief as the Court deems proper.

### **PRAYER FOR RELIEF**

WHEREFORE, Plaintiff demands judgment against Defendants on each of the above-referenced claims and causes of action, and as follows:

a. Awarding compensatory damages in excess of \$75,000, including, but not limited to pain, suffering, emotional distress, loss of enjoyment of life, and other non-economic damages in an amount to be determined at the trial of this action;

b. Awarding economic damages in the form of medical expenses, out of pocket expenses, lost earnings, and other economic damages in an amount to be determined at the trial of this action;

c. Punitive and/or exemplary damages for the wanton, willful, fraudulent, reckless acts of the Defendants who demonstrated a complete disregard and reckless indifference for the safety and welfare of the general public and Plaintiff, in an amount sufficient to punish Defendants and deter future similar conduct;

d. Prejudgment interest;

e. Postjudgment interest;

f. Awarding Plaintiff's reasonable attorneys' fees;

g. Awarding Plaintiff the costs of these proceedings; and

h. Such other and further relief as this Court deems just and proper.

**JURY DEMAND**

Plaintiffs hereby demand a trial by jury as to all claims so triable.

Dated: May 4, 2023

Respectfully submitted,

LIEFF CABRASER HEIMANN &  
BERNSTEIN, LLP

By: \_\_\_\_\_  
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