

BPA & Phthalates

Gender-bender chemicals



Man-made chemical compounds are not only polluting our environment, but are used in household and personal-care products without being tested for long-term safety.

Two of these compounds, both petroleum-derived plastic enhancers, have a radical effect on species reproduction and sex (gender).

Bisphenol-A is a tough ingredient of shatter-proof plastics and polymer sealants, resins and coatings (in food-container linings and on cash-register receipts). **Phthalates** are soft, pliable plastics used in a range of products to emulsify, bind and gel (in detergents, paints, shampoo, deodorant, body wash, skin cream, fragrances, plastic bags and those rubbery children's toys).

BPA and phthalates are endocrine disrupters – actively altering the very nature of our hormones and impairing our reproductive ability. Also referred to as *xeno estrogens* for their feminizing effects, these plastics are particularly dangerous to males of all species. Men today have half the sperm count of their fathers, with much less motility. Infertility and low testosterone production, along with signs of increased feminization, have become serious problems for men in the western world. More men are balding and developing rounder bodies,

even with slight breasts (gynecomastia), and some researchers believe the rise in male homosexuality is due to estrogenic chemicals. Xeno estrogens also tax the female reproductive system, increasing a woman's risk of cancer.

But the dangers are greatest for children and babies, particularly the unborn. Fetuses begin without gender, which develops during pregnancy. Exposed in the womb to gender-bending chemicals, not only are many male babies born with malformed genitals, they are not making it to manhood. Miscarriage of male babies is higher than that of females: boys are dying in the womb. Along with a noticeable drop in current male birthrate, all this constitutes a significant threat to the human species.

Modern plastics are chemicals that can easily migrate into other substances. The road from celluloid (1868) to today's polymers has revolutionized our lives. While the boundless utilities have brought us great convenience, most people do not know how many products have hidden plasticizers, especially when it comes to their favorite lotions and soaps. Phthalates enhance and carry fragrance (often artificial), and give these products the "clean" feel that makes us like them so much! *What to look for instead:* Skin-care products with essential oils instead of phthalates, shampoos that don't coat your hair for that "glossy" look. Use metal water bottles, glass instead of Tupperware, and cut down on packaged food.

Skin care: Read the ingredients!

Visit AvatarProducts.com for
*phthalate-free body wash
and sunscreen*