



Di-n-butyl Phthalate (DBP)

Why am I being warned about potential exposure to DBP?



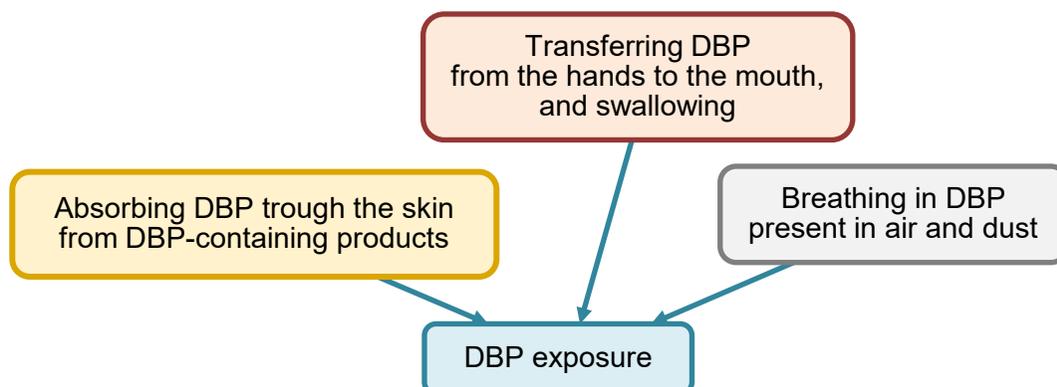
- DBP is on the [Proposition 65](#) list because it can cause birth defects or other reproductive harm.
- Exposure to DBP during pregnancy may affect development of the child, and may also harm the male and female reproductive systems.
- Proposition 65 requires businesses to determine if they must provide a warning about significant exposure to [listed chemicals](#).

What is DBP?

- DBP is an oily liquid that belongs to a family of chemicals called phthalates, which are added to some plastics to make them flexible.
- DBP is used in various consumer products, including:
 - ▶ Some wire and cable insulation, gloves, tubing, garden hoses, shoes, and personal care products, including some perfumes and other products containing fragrances, and nail polishes.
- California law prohibits the manufacture, sale, or distribution of children's toys and childcare articles containing DBP at levels greater than 0.1%. Federal law has a similar prohibition.

How does exposure to DBP occur?

- DBP can be absorbed into the body through contact with DBP-containing cosmetics household products and other products.
- DBP can be gradually released from consumer products into indoor environments such as homes, schools, daycare centers, and offices.
- During pregnancy, DBP can pass from mother to baby.



How can I reduce my exposure to DBP?

- ❌ Avoid plastics known as polyvinyl chloride (PVC) or vinyl (with recycle code 3).
- ✓ Choose personal care products that are identified as “phthalate-free” or “fragrance-free.”
- ✓ Minimize exposure to dust, which can contain DBP:
 - ▶ Wash your hands and your child’s hands frequently, especially before preparing food, and before eating.
 - ▶ Clean floors regularly, using a wet mop or a vacuum cleaner with a high-efficiency particulate air (HEPA) filter, if possible.
 - ▶ Wipe up dust regularly, using a damp cloth.

For more information:**General Fact Sheets and Resources**

- California Environmental Protection Agency
Department of Toxic Substances Control (DTSC)
 - ▶ Potential Health and Safety Impacts of Chemicals in Nail Products
<https://dtsc.ca.gov/scp/potential-health-and-safety-impacts-of-chemicals-in-nail-products/>
 - ▶ Summary of Data and Findings from Testing of a Limited Number of Nail Products
<https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/04/DTSC-Summary-of-Data-Findings-from-Testing-a-Limited-Number-of-Nail-Products-April-2012.pdf>

Scientific Information on DBP

- US Department of Health and Human Services (HHS)
National Toxicology Program (NTP)
 - ▶ NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Di-n-Butyl Phthalate (DBP)
https://ntp.niehs.nih.gov/ntp/ohat/phthalates/dbp/dbp_monograph_final.pdf

Proposition 65

- California Environmental Protection Agency (CalEPA)
Office of Environmental Health Hazard Assessment (OEHHA)
 - ▶ Proposition 65: Background
<https://www.p65warnings.ca.gov/faq>
 - ▶ Proposition 65: The List of Chemicals
<https://www.p65warnings.ca.gov/chemicals>
 - ▶ Proposition 65: Fact Sheets
<https://www.p65warnings.ca.gov/fact-sheets>