

## Di-n-butyl Phthalate (DBP)

### Why am I being warned about potential exposure to DBP?



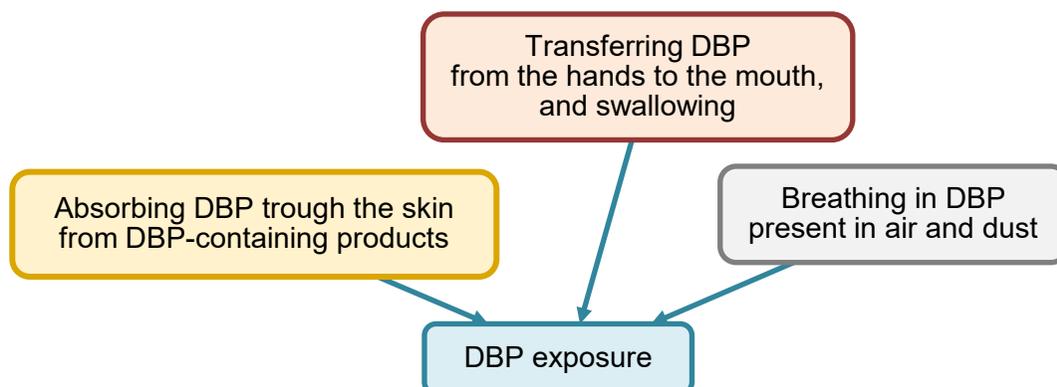
- DBP is on the [Proposition 65](#) list because it can cause birth defects or other reproductive harm.
- Exposure to DBP during pregnancy may affect development of the child, and may also harm the male and female reproductive systems.
- Proposition 65 requires businesses to determine if they must provide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