



## Cannabis (Marijuana) Smoke

### Why am I being warned about exposure to cannabis smoke?



- Cannabis (marijuana) smoke is on the [Proposition 65](#) list because it can cause cancer. Exposure to cannabis smoke may increase the risk of cancer.
- Cannabis smoke is also on the Proposition 65 list because if a pregnant woman smokes cannabis, this can affect the development of the child. For example, this may affect the child's birthweight, memory, and attention.
- Proposition 65 requires businesses to determine if they must provide a warning about significant exposure to [listed chemicals](#).

**Cannabis smoke** is formed when the dried leaves, flowers, stems, seeds, and resins of cannabis plants are burned.

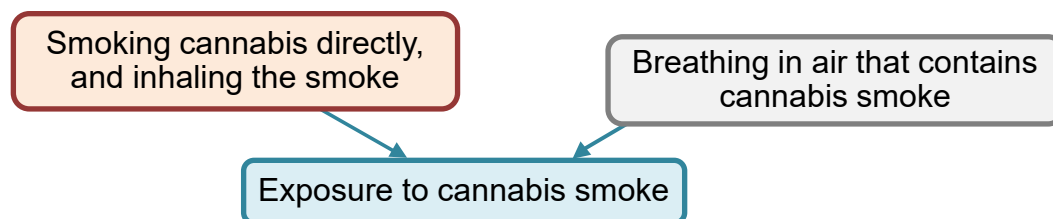


### CANNABIS SMOKE

- Cannabis smoke contains several thousand different chemicals, some of which are on the Proposition 65 list. These include:
  - Chemicals that cause cancer, such as [arsenic](#), [benzene](#), benzo[a]pyrene, [cadmium](#), [hexavalent chromium](#), [formaldehyde](#), [lead](#), and nickel.
  - Chemicals that can affect the baby when the mother is exposed to them during pregnancy, such as 1,3-butadiene, [cadmium](#), [carbon monoxide](#), [delta-9-tetrahydrocannabinol \(THC\)](#), hydrogen cyanide, [lead](#), [mercury](#), methanol, and toluene.
- Many of these chemicals are also in [tobacco smoke](#), which is on the Proposition 65 list as causing cancer, birth defects, and other reproductive harm.

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### How does exposure to cannabis smoke occur?



- If you are pregnant or breastfeeding, and you smoke cannabis, your baby is exposed to many of the harmful chemicals in cannabis smoke.

**How can I reduce my exposure and my family's exposure to cannabis smoke?**

- ❌ If you are pregnant or breastfeeding, do not smoke cannabis.
- ❌ Avoid spending long periods of time in places where cannabis smoke is present, especially if you are pregnant.
- ❌ Avoid smoking cannabis around children, and do not allow children to spend time in places where cannabis smoke is present.

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

- California Department of Public Health (CDPH)
  - ▶ Let's Talk Cannabis  
<https://www.cdph.ca.gov/Programs/DO/letstalkcannabis/Pages/LetsTalkCannabis.aspx>
  - ▶ Pregnant and Breastfeeding Women  
<https://www.cdph.ca.gov/Programs/DO/letstalkcannabis/Pages/pregnantbreastfeedingwomen.aspx>
- US Department of Health and Human Services (HHS)  
Food and Drug Administration (FDA)
  - ▶ What You Should Know About Using Cannabis, Including CBD, When Pregnant or Breastfeeding  
<https://www.fda.gov/consumers/consumer-updates/what-you-should-know-about-using-cannabis-including-cbd-when-pregnant-or-breastfeeding>
- Centers for Disease Control and Prevention (CDC)
  - ▶ Marijuana and Public Health. What are the Health Effects of Marijuana  
<https://www.cdc.gov/marijuana/index.htm>
  - ▶ What You Need To Know About Marijuana Use and Pregnancy  
<https://www.cdc.gov/marijuana/factsheets/pregnancy.htm>
- Substance Abuse and Mental Health Services Administration (SAMHSA)
  - ▶ Marijuana and Pregnancy  
<https://www.samhsa.gov/marijuana/marijuana-pregnancy>
- California Environmental Protection Agency (CalEPA)  
Office of Environmental Health Hazard Assessment (OEHHA)
  - ▶ THC ( $\Delta^9$ -Tetrahydrocannabinol or Delta-9-Tetrahydrocannabinol)  
<https://www.p65warnings.ca.gov/fact-sheets/thc>

**Scientific Information on Cannabis Smoke**

- California Environmental Protection Agency (CalEPA)  
Office of Environmental Health Hazard Assessment (OEHHA)
  - ▶ Evidence on the Carcinogenicity of Marijuana Smoke  
<http://oehha.ca.gov/media/downloads/proposition-65/chemicals/finalmjsmokehid.pdf>
  - ▶ Evidence on the Developmental Toxicity of Cannabis (Marijuana) Smoke and  $\Delta^9$ -THC  
<https://oehha.ca.gov/media/downloads/cnr/cannabisdarthid100419.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>