



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](#).

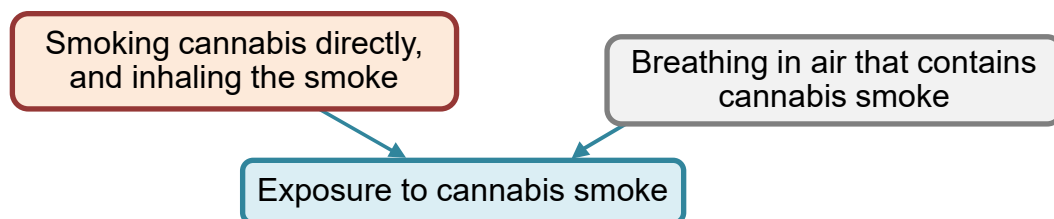
Cannabis smoke is formed when the dried leaves, flowers, stems, seeds, and resins of cannabis plants are burned.



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.

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 (Δ^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 Δ^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>