

## **CBD IS NOT SAFE AS A MEDICINE UNLESS IT ACQUIRES FDA APPROVAL AFTER RIGOROUS TESTING DEMONSTRATING EFFICACY AND SAFETY.**

Cannabidiol (CBD) and Tetrahydrocannabinol (THC) come from the cannabis plant. A pure form of CBD (Epidiolex) is approved by the FDA as a medicine for two rare disorders to be used only under proper medical protocols. Other CBD products sold as medicines, or food or food supplements, that are not approved by the FDA are Black-Market and are illegally trafficked and sold. In addition, CBD cosmetics must be properly labeled under FDA law and not be adulterated by deleterious substances. [1]

Black Market CBD products have not been evaluated by the FDA to determine if they are effective or safe for any medical use, and if safe, what the proper dosage would be. In addition, they are not administered with any federally approved medical protocols as are prescription drugs and there may be no warnings for how they interact with other drugs, or whether they have dangerous side effects.

## **CBD IS NOT SAFE TO BE PUT INTO FOODS OR FOOD SUPPLEMENTS**

Under the federal Food, Drug and Cosmetic Act it's illegal to introduce THC and CBD into the food supply, or to market them as dietary supplements. It is not safe to do so unless approved by the FDA. [2]

## **MULTIPLE STUDIES SHOW BLACK MARKET CBD PRODUCT CONTAMINATION**

The FDA has tested the chemical contents of many Black-Market CBD products and many were found to not contain the levels of CBD they claimed to contain. [3] Black Market CBD often contains THC and/or contaminants such as pesticides, heavy metals, bacteria, and fungus. [4] Synthetic CBD use has caused adverse reactions, including altered mental status, seizures, confusion, and loss of consciousness. [5]

## **CBD CAUSES PHYSICAL DISEASE AND SAFETY RISKS**

The marijuana industry has touted CBD as a “wonder drug.” \* They may claim it is perfectly safe and legal and can be used for all that ails you or makes you uncomfortable physically. People are consuming CBD under the misapprehension that it is safe to do so. It is not. CBD has known health risks based on FDA clinical studies in humans and other clinical reports. The known adverse reactions include:

1. Hepatocellular Injury (liver injury) - inflammation or damage to cells
2. Somnolence and Sedation
3. Suicidal Behavior and Ideation
4. Hypersensitivity Reactions - allergic reactions
5. Negative interaction with anti-epilepsy drugs such as Tegretol, Dilantin, Luminal, Solfoton, Tedral, Primidone (anti-seizure)
6. Interactions with immunosuppressive drugs used in transplants or chemotherapy and with warfarin.
7. CBD use can impair kidney function and cause anemia. [6]

## **CBD AND PREGNANCY**

The FDA strongly advises that during pregnancy and while breastfeeding you should not use CBD or THC. You may put yourself or your baby at serious risk by using these marijuana products. [7] CBD products may also be contaminated with substances that may pose a risk to the fetus or breastfed baby such as pesticides, heavy metals, bacteria, and fungus. Studies in laboratory animals show male reproductive toxicity, including in the male offspring of CBD-treated pregnant females. This includes decrease in testicular size, inhibition of sperm development, and decreased testosterone. [8]

## TAKING CBD CAN BE DANGEROUS WHEN DRIVING OR USING MACHINERY

Recent FDA studies show that CBD can cause sleepiness, sedation and that may make operating a motor vehicle or machinery dangerous after consuming CBD products.[9]

## DRUG TESTS

CBD may affect drug test results. A truck driver lost his job when he tested positive for THC on a drug test after being told by the manufacturer that a CBD product had no THC. [10]

## FDA Reports

To make a report to the FDA about CBD being used as a medicine or as a food or food supplement go to:

<https://www.accessdata.fda.gov/scripts/email/oc/buyonline/english.cfm#whattoreport>

*\* The marijuana industry referred below to here are those who illegally, negligently or fraudulently produce, market, or distribute marijuana or CBD*

## References

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