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**Read all of this leaflet carefully before you take this supplement because it contains important information you need to know.**

WPE – Whole Plant Extract is not intended to be a medicine and is not supposed to be used instead of / or in combination with your current medication. Before using please consult with your Specialist or Doctor.

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**What is WPE CBD tincture**

WPE – CBD tincture is a food supplement that contains a combination of oils; certified full spectrum CBD crude oil paste, Organic Hemp oil, Fulvic Acid and Peppermint oil.

Cannabidiol (CBD) is a non-psychoactive component of the Cannabis Sativa plant. Cannabidiol is a pleiotropic drug in that it produces many effects through multiple molecular pathways.

**IMPORTANT**  
**Please read before taking this supplement**

**When to take CBD if using other medications**

A 2hr gap is required between CBD and any medications / supplements that are processed by the cytochrome p450 enzyme to allow them to metabolize individually. This includes over the counter drugs such as acetaminophen, paracetamol & ibuprofen.

Beta Blocker, blockers, blood pressure, anti-coagulants and any other medications that carry grapefruit warning requires 4hr gap.

**Possible side effects**

CBD can cause - Dry mouth, diarrhoea, reduced appetite, vomiting, drowsiness and fatigue.

Fulvic acid helps detoxify the body and in so doing may cause diarrhoea, cramps,

fatigue, headaches, or nausea.

**Drug interactions**

CBD is safe, non-intoxicating and non-addictive cannabis compound with significant therapeutic attributes, but CBD-drug interactions may be problematic in some cases but not all.

At sufficient dosages, CBD will temporarily deactivate cytochrome P450 enzymes, thereby altering how we metabolize a wide range of compounds.

CBD reduces the enzymatic degradation of warfarin, thereby increasing its duration of action and effect. If you are using Warfarin then your Doctor should pay close attention to changes in blood levels of warfarin and adjust dosage accordingly.

CBN also inhibits CYP activity many chemotherapy agents are oxidized by CYPs before their inactivation or excretion. This means that for patients using CBD, the same dose of chemotherapy may produce higher blood concentrations. If CBD inhibits the cytochrome-mediated metabolism of the chemotherapy and dosage adjustments aren't made, the chemotherapy agent could accumulate within the body to highly toxic levels.

By and large, however, there have been few reported adverse cannabinoid-drug interactions among the many cancer patients who use CBD. It is possible that whole plant cannabis, with its rich compensatory synergies, interacts differently than the isolated CBD that is administered in most research settings. As well, the cytoprotective effects of the cannabinoids may mitigate some of the chemotherapeutic toxicity.

It is important to monitor blood levels for clobazam and nortriptyline in patients using both CBD and clobazam.

Moderate doses of CBD are mildly energising ("alerting"). But very high doses of CBD may trigger a biphasic effect and can be sleep-promoting.

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CBD could interact with: Steroids, HMG CoA reductase inhibitors, Calcium Channel Blockers, Antihistamines, Prokinetics, HIV antivirals, Immune modulators, Benzodiazepines, Anti-arrhythmics, Antibiotics, Anaesthetics, Anti-psychotics, Anti-depressants, Anti-epileptics, Beta Blockers, PPI's, NSAIDS, Angiotension II blockers, Oral Hypoglycemic agents and Sulfonylureas.

### **Dosage**

Every person is different so dosing is based on the individual.

Start with 1 drop per day for the first 5 days. Place under tongue and hold for 1 min and swallow.

Adult Dosage: 1-2 drops twice per day. DO NOT exceed more than 15 drops per day/in a 24hr period (as recommended by CTA).

You can take between 1-5 drops three times per day only if required (DO NOT EXCEED 15 drops per day).

### **Additional information**

Shake well before use.

Do not exceed recommended dosage.

KEEP OUT of reach of children.

DO NOT use if you are pregnant or breastfeeding.

Store upright in a cool dark place.

WPE – Whole Plant Extract contains less than 0.02% THC which will not get you high and is within the legal limit for the UK.

**Active ingredients** are 1000mg+ full spectrum CBD paste.

Other ingredients are Fulvic acid, Organic hemp oil and Peppermint oil.

If you have an adverse effect by taking this supplement then seek medical help straight away and stop taking it immediately.

If you exceed the recommended dosage, seek medical help.

### **Notes for your GP/ Specialist**

CBD acts through various receptor-independent channels and by binding with a number of non-cannabinoid receptors and ion channels.

CBD has little binding affinity to either the CB1 or CB2 cannabinoid receptors. Instead, CBD indirectly stimulates endogenous cannabinoid signalling by suppressing the enzyme fatty acid amide hydroxylase (FAAH)— the enzyme that breaks down anandamide.

CBD enhances endocannabinoid tone by suppressing FAAH.

By inhibiting the enzyme that metabolizes and degrades anandamide, CBD enhances the body's innate protective endocannabinoid response. At the same time, CBD opposes the action of THC at the CB1 receptor, thereby muting the psychoactive effects of THC.

CBD also stimulates the release of 2-AG, another endocannabinoid that activates both CB1 and CB2 receptor. CB2 receptors are predominant in the peripheral nervous system and the immune system.

CBD is a TRPV-1 "agonist" or stimulant.

At high concentrations, CBD directly activates the 5-HT1A (hydroxytryptamine) -serotonin receptor.

CBD also activates PPARs [peroxisome proliferator activated receptors] that are situated on the surface of the cell's nucleus.

*The above information is very technical but will help medical officials understand how CBD can help you or if you are taking drugs if they may cause any interactions.*

### **Who makes this supplement**

Manufactured in EU.

Distributed by WPE Healthcare International – Seven Stars House, 1 Wheler Road, Coventry, CV3 4LB