

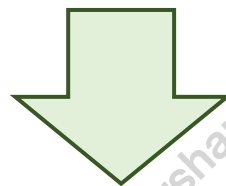
Hemp oil and cosmetics



Fabio Corradini

Regulatory context

Reg. (EC) No 1223/2009
of the European Parliament



Cosmetics
Directive
76/768/EEC



Opinions on cosmetic
ingredients of the Scientific
Committee for Consumer
Safety (SCCS)



Glossary of common ingredient names

establishing a common nomenclature for all cosmetic ingredients, to
be indicated on the labels of cosmetics sold in Europe

Regulatory restrictions

REGULATION (EC) No 1223/2009

ANNEX II

LIST OF SUBSTANCES PROHIBITED IN COSMETIC PRODUCTS

306	Narcotics, natural and synthetic: All substances listed in Tables I and II of the single Convention on narcotic drugs signed in New York on 30 March 1961
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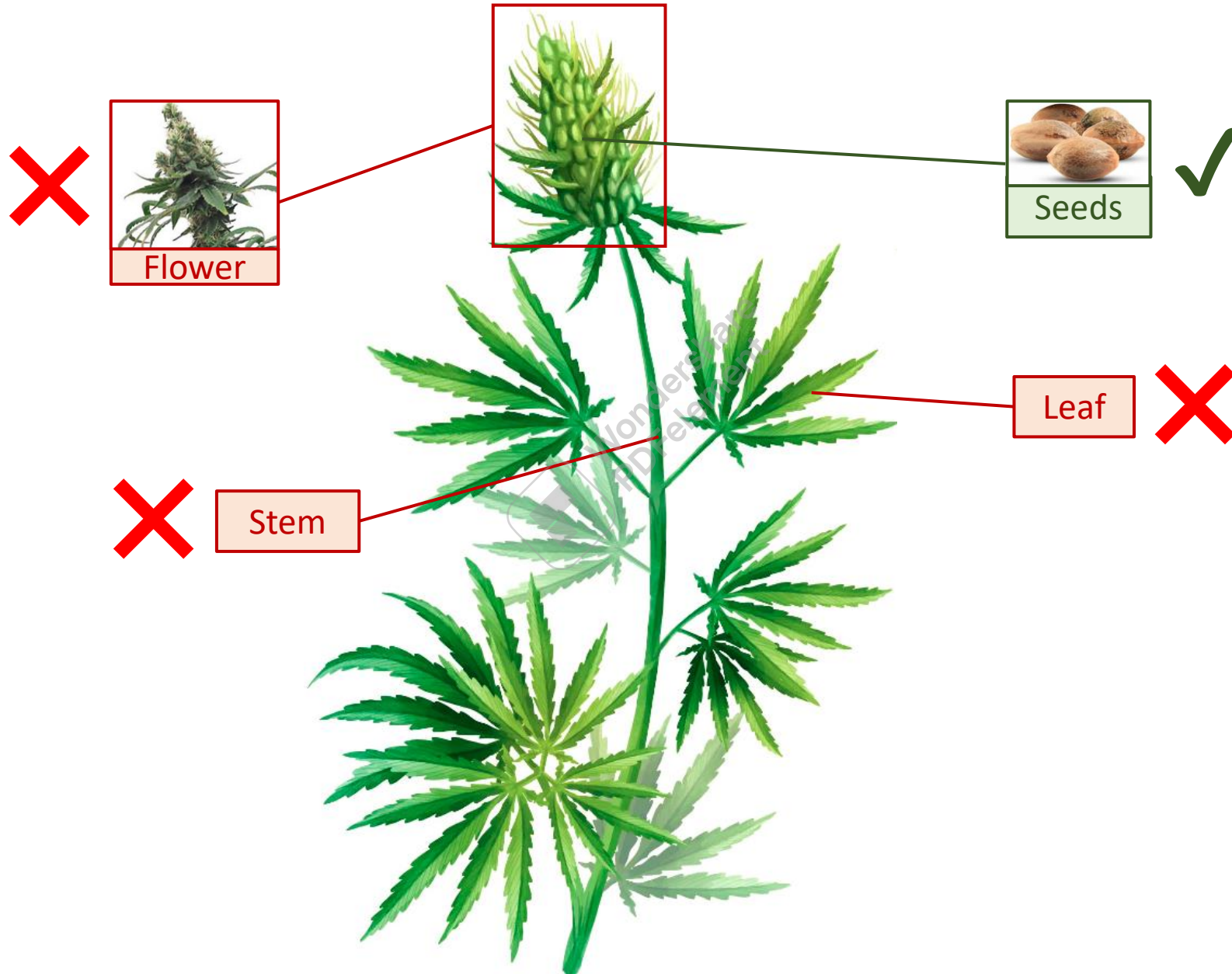


List of Drugs Included in Schedule I

Cannabis and Cannabis resin	and EXTRACTS and TICTURES OF CANNABIS
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INCI Name/Substance Name	CAS No.	EC No.	Restriction/ Annex/Ref #
CANNABIS SATIVA FLOWER/LEAF/STEM OIL			II/306 = Narcotics, natural and synthetic: All substances listed in Tables I and II of the single Convention on narcotic drugs signed in New York on 30 March 1961.
CANNABIS SATIVA SEED OIL	89958-21-4	289-644-3	

Regulatory restrictions



Regulatory restrictions – CBD

From February 2021

INCI Name/Substance Name	CAS No.	EC No.	Restriction/ Annex/Ref #
CANNABIDIOL - DERIVED FROM EXTRACT OR TINCTURE OR RESIN OF CANNABIS	13956-29-1		
CANNABINOIDS			II/306 CANNABINOIDS, as such, are not listed in the Schedules of the 1961 Single Convention on Narcotic Drugs. However, these shall be prohibited from use in cosmetic products (II/306), if prepared from a substance controlled in Schedule I of the 1961 Single Convention on Narcotic Drugs. Please note that national legislations on controlled substances may also apply.

Eligible oils and extracts

	Cannabis oil / extract	Cannabis sativa SEED oil	CBD
Saturated fatty acids	✓	✓	—
Unsaturated FAs			
Oleic (ω -9)	✓	✓	—
Linoleic (ω -6)	✓	✓	—
α -Linolenic (ω -3)	✓	✓	—
Cannabinoids (no THC)	✓	✗	✓
Annex II/306	✗	✓	✓

Cosmetic properties

Cannabis sativa seed oil

Officially recognised properties in **CosIng** are:

SKIN CONDITIONING	Maintaining the skin in good condition.
SKIN CONDITIONING - EMOLLIENT	Acting as lubricants on the skin surface providing the skin with a soft and smooth appearance.

Any claims relating to other specific properties must be documented through tests or scientific publications, taking care to remain within the scope of the definition of **cosmetic product** (Reg. 1223/2009).

CBD

Officially recognised properties in **CosIng** are:

ANTI-SEBUM	Helping control sebum production.
ANTIOXIDANT	Inhibiting reactions promoted by oxygen, thus avoiding oxidation and rancidity.
SKIN CONDITIONING	Maintaining the skin in good condition.
SKIN PROTECTING	Helping to avoid harmful effects to the skin from external factors.

There are scientific publications that demonstrate other properties, including therapeutic treatment / healing. In this case, however, there is a risk of going beyond the scope of the definition of a **cosmetic product** and falling within other regulations (biocides, medical devices, etc.).

Cosmetic product definition

Reg. (EC) No 1223/2009

Article 2

Definitions

1. For the purposes of this Regulation, the following definitions shall apply:

- (a) 'cosmetic product' means any substance or mixture intended to be placed in contact with the **external parts of the human body** (epidermis, hair system, nails, lips and external genital organs) **or with the teeth and the mucous membranes** of the oral cavity with a view **exclusively or mainly to cleaning them, perfuming them, changing their appearance, protecting them, keeping them in good condition or correcting body odours;**

- ✓ Emollient
- ✓ Sebum regulator
- ✓ Maintain skin in good condition
- ✓ ...

- ✗ Anti-inflammatory / pain reliever
- ✗ Treating acne, psoriasis, etc.
- ✗ ...

Formulation opportunities

Cannabis sativa seed oil

Easy to include in cosmetic formulations, it can be found in two varieties with different characteristics:

- Unrefined (virgin): higher levels of fatty acids, vitamins and minerals; darker colour; stronger nutty fragrance; lower resistance to rancidity (oxidation).
- Refined: longer shelf life; more delicate scent; less intense color.

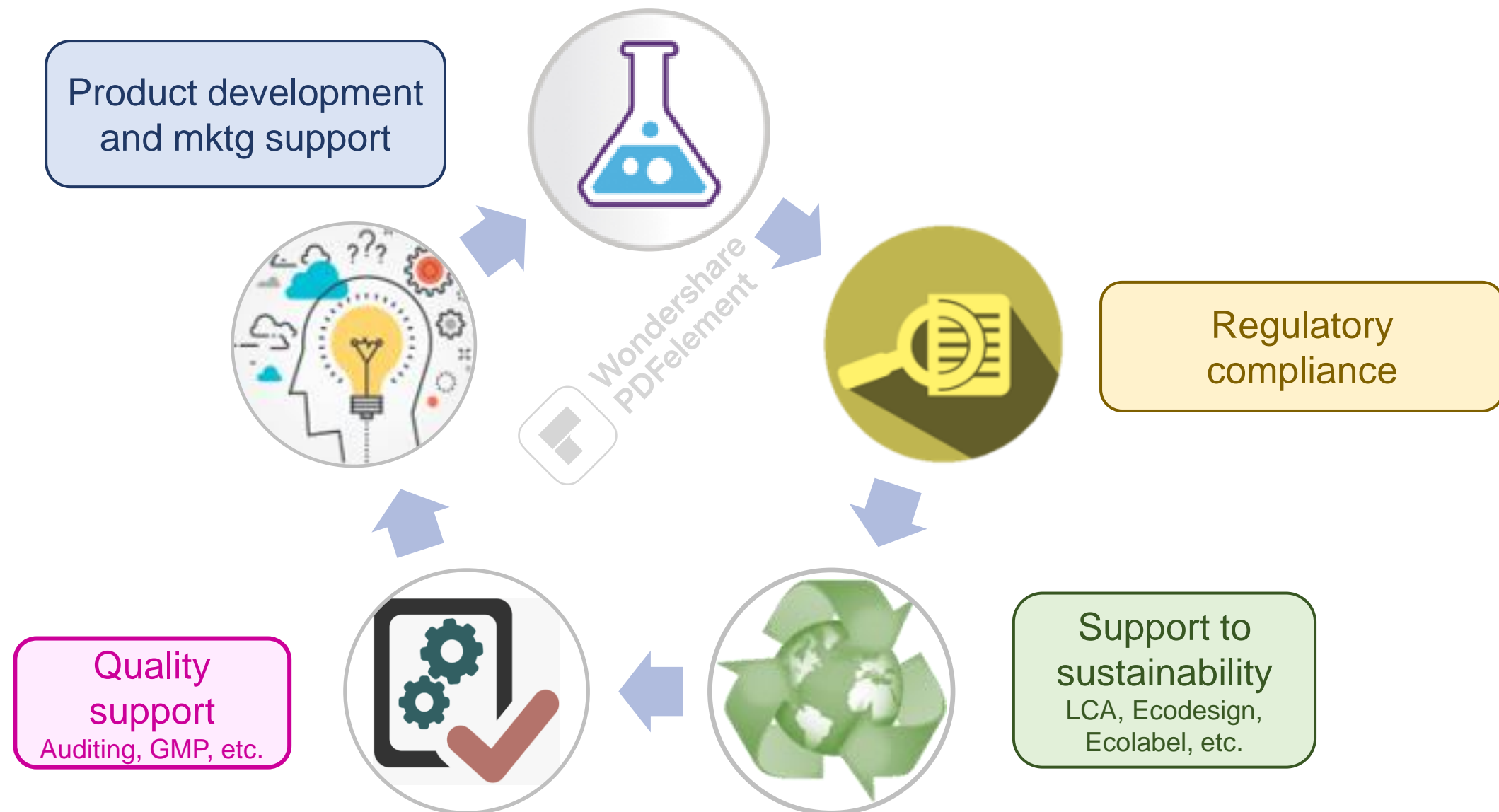
CBD

Available either as a powder or diluted in hemp seed oil, olive oil, or other types of carrier oils. It's a lipophilic substance, insoluble in water. If used as a powder it must therefore be added and dispersed in the oily phase, preferably during the cooling phase, below 40°C. It is commonly used in skincare at concentrations around 1%.

Chimica HTS – Who we are



Chimica HTS – What we do





Thanks