

BOTANICAL INNOVATIONS

NUTRACEUTICAL

*Flavours, Fragrances & Ingredients
for Health and Wellness*



HEMP SEED OIL POWDER

DATA SHEET

Botanical Innovations unique proprietary **HEMP SEED OIL POWDER** is a versatile ingredient for a variety of nutraceutical, culinary and cosmetic applications.

Botanical name: *Cannabis sativa*

Family: *Cannabaceae*

CAS number: 89958-21-4

Description: Hemp Seed Oil Powder contains 50% Hemp Seed Oil and a carrier. It is greenish with a nutty flavour.

Free Fatty Acid Profile: Hemp Seed Oil in Hemp Seed Oil Powder

Linoleic Acid	Omega 6	55-60%
Alpha-Linolenic Acid (ALA)	Omega 3	15-20%
Oleic Acid	Omega 9	10-15%
Palmitic Acid	Omega 9	5-8%
Stearic Acid	Omega 9	1.5-3.5%
Gamma-Linolenic Acid (GLA)	Omega 3	1-4%

Hemp seed oil is derived from the seeds of the hemp plant, *Cannabis sativa*

Polyphenols Hemp seed oil powder contains a variety of POLYPHENOLS, including **FLAONOIDS, PHENOLIC ACIDS and LIGNANS**. Some specific polyphenols found in hemp seed oil include **CANNFLAVIN A and CANNFLAVIN B**, which possess potential anti-inflammatory properties.

Health Hemp seed oil powder offers several health benefits. It is a rich source of essential fatty acids, including **OMEGA 3 and OMEGA 6** fatty acids, in an ideal ratio for human nutrition. These fatty acids are important for maintaining heart health, reducing inflammation, supporting brain function, and promoting healthy skin. Hemp seed oil powder also contains **ANTIOXIDANTS, VITAMINS and MINERALS** that contribute to overall well-being.

Nutraceutical Applications Hemp seed oil powder can be used as a nutraceutical ingredient in various dietary supplements and functional foods. It is often included in formulations aimed at promoting cardiovascular health, reducing inflammation, and supporting cognitive function.

Food applications: Hemp seed oil powder is a versatile ingredient suitable for a variety of culinary applications. The nutty flavour of hemp seed oil powder adds a unique taste to dishes.

Cosmetic and beauty applications Hemp seed oil powder is a versatile ingredient for the cosmetic and beauty industry for its moisturizing and nourishing properties. It can be used in skincare products, such as lotions, creams, and serums, to help soothe and hydrate the skin. Hemp seed oil powder is suitable for hair care products, including shampoos and conditioners, as it can help improve the texture and appearance of the hair.

The information provided is for educational purposes only. Minimum order quantities apply

Talk to Us T: +61488196527 E: admin@botanicalinnovations.com.au www.botanicalinnovations.com.au