

Safety Data Sheet (SDS)

According to Regulation (EC) No. 1907/2006 (REACH) and GHS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name: Hempseed Oil Organic (Cold-Pressed)

Synonyms: Cold-Pressed Hemp Seed Oil, Virgin Cannabis sativa Seed Oil

Recommended uses: Food ingredient, nutritional supplement, cosmetic ingredient.

Uses advised against: Not intended for combustion or industrial lubricant use.

Supplier/Manufacturer:

HEMP PRODUCTION CZ, s.r.o.

Chrastice 7, 262 72 Březnice, Czech Republic

Company ID (IČ): 27379671

VAT No.: CZ27379671

Emergency telephone number: Local emergency service number (Europe): 112

Importer

AstraSana Japan Co., Ltd.

Stanford Annex Building, 3rd Floor

1-14-14 Tomigaya, Shibuya-ku, Tokyo 151-0063, Japan

Email: japan@astrasana.com

Tel: +81-3-6804-7765

Emergency telephone number: Local emergency service number (Japan): 119
(Ambulance/Fire)

SECTION 2: Hazards identification

Classification according to Regulation (EC) No. 1272/2008 (CLP): This product is not classified as hazardous.

Label elements:

- Hazard pictograms: None
- Signal word: None
- Hazard statements: Not applicable
- Precautionary statements:
 - Store in a cool, dark place.
 - Avoid exposure to direct sunlight and heat sources.
 - Keep container tightly closed.

Other hazards:

- Oil may cause staining of fabrics.
- May cause slippery surfaces if spilled.

SECTION 3: Composition/information on ingredients

Substance name: Virgin Hemp Seed Oil (Cold-Pressed)

Botanical source: Seeds of Cannabis sativa L. from approved and registered cultivars.

CAS No.: 89958-21-4

EINECS No.: 289-644-3

Composition (per 100 g):

- Energy: 3684 kJ / 896 kcal
- Fat: 99.6 g
 - Saturated fatty acids: 9.3 g
- Carbohydrates: < 0.1 g
 - Sugars: < 0.1 g
- Protein: < 0.1 g
- Salt: < 0.5 g
- α -Tocopherol: 25–50 mg/kg
- γ -Tocopherol: 200–250 mg/kg
- δ -Tocopherol: 25–50 mg/kg
- Total tocopherols: 250–350 mg/kg

GMO status: Not genetically modified.

Allergen status: Does not contain allergens listed in Regulation (EU) No. 1169/2011. No cross-contamination detected.

SECTION 4: First aid measures

Inhalation: Not applicable for normal use. If inhaled as mist or fumes from overheating, move to fresh air. Seek medical advice if discomfort persists.

Skin contact: Generally safe. Wash with soap and water if skin becomes oily.

Eye contact: Rinse cautiously with clean water for several minutes. Remove contact lenses if present and easy to do. Seek medical advice if irritation persists.

Ingestion: This is an edible product. If swallowed in large quantities and discomfort occurs, seek medical attention.

SECTION 5: Firefighting measures

Suitable extinguishing media: Dry chemical, foam, CO₂, water spray.

Unsuitable extinguishing media: Direct water jet (may spread oil).

Special hazards: Combustible at high temperatures. In case of fire, carbon monoxide and other combustion products may be released.

Protective equipment for firefighters: Wear standard protective equipment and self-contained breathing apparatus.

SECTION 6: Accidental release measures

Wear suitable footwear to prevent slipping.

Absorb spills with inert material (sand, earth).

Wash spill area with warm soapy water.

Prevent product from entering drains in large quantities (may cause blockages).

SECTION 7: Handling and storage

Handling:

- Avoid spills on floors (slippery hazard).
- Use clean, dry utensils.

Storage:

- Store at $\leq 18^{\circ}\text{C}$, in a cool, dark, dry place.
- Protect from direct sunlight and heat.
- Keep in original sealed packaging under nitrogen atmosphere (N_2).

Shelf life: 12 months from production date under recommended storage conditions.

SECTION 8: Exposure controls/personal protection

Occupational exposure limits: Not applicable.

Personal protective equipment:

- Eye protection: Not required under normal use; safety glasses recommended for industrial handling.
- Skin protection: Not required under normal use.
- Respiratory protection: Not required under normal use.

SECTION 9: Physical and chemical properties

Appearance: Clear greenish-yellow liquid

Odour: Characteristic nutty

Taste: Distinct nutty flavour

Acid value: ≤ 3 mg KOH/g

Peroxide value: ≤ 10 mmol O_2 /kg

Solubility: Insoluble in water, soluble in organic solvents and oils

Flash point: $\sim 220^{\circ}\text{C}$ (typical for vegetable oils)

SECTION 10: Stability and reactivity

Stability: Stable under recommended storage conditions.

Conditions to avoid: Heat, light, and oxygen exposure accelerate rancidity.

Hazardous decomposition products: None under normal conditions; decomposition at high temperature may release CO , CO_2 , and other organic compounds.

SECTION 11: Toxicological information

This product is safe for human consumption as a food-grade oil.
No acute or chronic toxic effects are known when used as intended.
Not classified as irritant or sensitising.

SECTION 12: Ecological information

Biodegradable vegetable oil.
Not expected to be harmful to aquatic or terrestrial life.
Large spills may cause surface film on water, affecting oxygen transfer.

SECTION 13: Disposal considerations

Dispose of contents and containers in accordance with local regulations.
Small amounts can be composted or disposed of with biodegradable waste.

SECTION 14: Transport information

Not regulated as dangerous goods under ADR, IMDG, IATA.

SECTION 15: Regulatory information

This product complies with EU food and cosmetic ingredient regulations.
Not subject to chemical registration under REACH for intended uses.

SECTION 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.