



**PRODUCT DATA SHEET**

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**Argania Spinosa Kernel Oil [Argan Oil] (natural) (pure)**

**Cat. No.:** IAX-700-001

**Lot. No.:**

<b>Name</b>	Argan Oil, from unroasted Argania spinosa kernels. Country of Origin: Morocco.
<b>Source</b>	Cold pressed from kernels of the fruit of the argan tree (Argania spinosa)
<b>Formulation</b>	Natural product, unrefined
<b>CAS Number</b>	223747-87-3
<b>Purity</b>	100%
<b>Appearance</b>	Clear yellow odourless liquid
<b>Solubility</b>	Soluble in ethanol, hexane or ether
<b>Handling/Use</b>	Topical application. Food supplement. Solvent aid for lipophilic compounds.
<b>Composition</b>	90% fat, of which saturates are less than 20% (stearic acid (~5%) and palmitic acid (~15%)), mono-unsaturates (MUFA): ~40% and polyunsaturates (PUFA): ~30%.
<b>Shipping</b>	Ambient
<b>Storage</b>	Store at room temperature (15-25°C) and in a dry place. Protect from light. Do not freeze or refrigerate. Keep container tightly closed.
<b>Stability</b>	12 months after receipt (unopened and as supplied)
<b>MSDS</b>	Available on request

**Product description**

- Unrefined, 100% natural product, cold pressed from selected Argania spinosa kernels
- Free from additives (such as organic solvents, ethanol, preservatives, and artificial colours)
- Independently tested by a certified UK laboratory for authenticity and purity: C13-NMR profiling and I3C-IRMS analysis
- Total Vitamin E profile (alpha-, beta-, delta-, gamma-Tocopherol)
- Free from aflatoxins (total aflatoxin (B1, B2, G1, G2) <0.8 µg/kg)
- Free from pesticides
- Prepared and filled under strict hygienic conditions

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**DISCLAIMER:** THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING MAY BE EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH. THIS PRODUCT IS FOR RESEARCH USE ONLY (RUO).

**MATERIAL SAFETY DATA:** This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, inhale or get into the blood stream. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Access to this material must be restricted to personnel, who is appropriately experienced, qualified, competent and properly trained to use it. Material Safety Data Sheet is available upon request.

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#### General Information

- Argan oil is pressed from the kernels of the fruits from the argan tree (*Argania spinosa* (L.) Skeels; Sapotaceae) that is endemic to southwest Morocco.
- Cold pressed argan oil is characterized by high levels of linoleic and oleic acids, tocopherols (in particular  $\gamma$ -tocopherol). Minor components of argan oil include polyphenols, squalene, carotenes, triterpene alcohols and sterols (spinasterol, schottenol).
- Pre-clinical and clinical studies report hypolipidemic, hypocholesterolemic, hypoglycemic and antihypertensive effects of nutritional use of argan oil in addition to its well-documented anti-oxidant and moisturizing effects used for external cosmetic applications.
- Used as food supplement and solvent aid for lipophilic compounds.

#### References

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