



TDS Technical Data Sheet



A0702.02.01

PRODUCT CODE	0008
PRODUCT NAME (UE)	ORGANIC AVOCADO PULP OIL COLD PRESSED
PRODUCT NAME (ITA)	OLIO DI POLPA DI AVOCADO BIOLOGICO – spremuto a freddo
INCI NAME (UE)	PERSEA GRATISSIMA OIL
INCI NAME (US)	PERSEA GRATISSIMA (Avocado) OIL
CAS NUMBER	8024-32-6
EINECS NUMBER	232-428-0
SHELF LIFE	max 24 months*
CERTIFICATION	Organic Certified by Control body CCPB according to Reg.834/2007
REVISION	Rev. 01 March 2019
MANUFACTURED METHOD	AVOCADO organic crude oil is obtained from pulp of the PERSEA GRATISSIMA OIL, 100% of the ingredients is organic perilla seed oil, no additives or other ingredients are added into the oil. The production is made by mechanical press without solvent, product is crude unrefined and filtered before drumming
PROPERTIES	Avocado Oil is more easily absorbed by the skin than many other cosmetic oils, assumed to be partly due to its content of palmitoleic acid, a fatty acid which is relatively rare in vegetable oils. Avocado Oil is also appreciated for its unsaponifiable fraction. Avocado Oil is regarded as one of the most suitable and effective cosmetic oils. L'olio di avocado viene assorbito più facilmente dalla pelle rispetto a molti altri oli cosmetici, si ritiene che sia in parte dovuto al suo contenuto di acido palmitoleico, un acido grasso che è relativamente raro negli oli vegetali. L'olio di avocado è anche apprezzato per la sua frazione insaponificabile. L'olio di avocado è considerato uno degli oli cosmetici più adatti ed efficaci.

	U.M.	TEST METHODS	RANGE
Physical status at 25 °C	/	visual	Liquid
Acid value	mg KOH/g	AOCS Cd3d-63	≤ 4
Iodine Value	g I ₂ /100 g	AOCS Tg2a-64	75.0 – 100.0
Saponification value	mg KOH/g	AOCS Cd3-25	180.0 – 195.0
Peroxide value	meq O ₂ /Kg	AOCS Cd8-53	≤ 15.0
Colour	/	visual	Greenwish
Density at 20 °C	g/cc	ASTM D1298-85	0.910 – 0.925

Fatty acids composition % (GLC):

Lauric acid	C12:0	≤ 1.0
Myristic acid	C14:0	≤ 1.5
Palmitic acid	C16:0	12.0 - 25.0
Palmitoleic acid	C16:1	1.0 – 12.0
Margaric acid	C17:0	≤ 0.1
Margaroleic acid	C17:1	≤ 0.1
Stearic acid	C18:0	0.5 – 3.0
Oleic acid	C18:1	45.0 – 75.0
Linoleic acid	C18:2	5.0 – 16.0
Alpha-Linolenic acid	C18:3	0.5 – 3.0



Arachidic acid	C20:0	≤ 1.0
Eicosenoic acid	C20:1	≤ 0.5
Behenic acid	C22:0	≤ 0.5
Erucic acid	C22:1	Tr.

Storage and packing: The product must be kept into the original packages, protected from light, moisture, properly closed.
Storage temperature between 10°C to max 22°C.

*The shelf life if unopened in the original standard packages. Once opened the shelf life of the oil is limited by temperature and light and oxygen exposure. Any remaining oil should be blanketed with nitrogen and used as soon as possible.

It's possible to extend the validity of the oil by reanalysing some parameters.

- **FOOD STATUS**

PN can confirm that this product suitable for food, only when the appropriate quantities/dilution are used. This material complies with European Food Regulations, i.e. 1881/2006. However, before consuming or formulating a food item using this ingredient, we insist you email our Technical Team before doing so for our opinion on the dilution applied to your finished product.

- **COSMETIC STATUS**

PN can confirm that this product is suitable for cosmetic application. It is not included in the list of substances prohibited in cosmetic products. Neither does it contain parabens, restricted preservatives, colorants or UV filters (Annex II - VI of EU Regulation 1223/2009).

ADDITIONAL SPECIFICATIONS

- **REACH registration**

This product is obtained only by mechanical pressing process of vegetable raw materials. No chemicals are added and it is not mixtures.

For this reason, this product should not be registered, in accord with article 2, paragraph 7 of REACH regulation (Annex V explicitly comprises "Vegetable fats, vegetable oils, vegetable waxes; animal fats, animal oils, animal waxes; fatty acids from C6 to C24 and their potassium, sodium, calcium and magnesium salts; glycerol)

Questo prodotto è ottenuto solo da processo di spremitura meccanica di materie prime vegetali. Non vengono aggiunti prodotti chimici o miscele.

Per questo motivo, non deve essere registrato, in accordo con l'articolo 2, comma 7 del regolamento REACH (allegato V comprende esplicitamente "Grassi vegetali, oli vegetali, cere vegetali, grassi animali, oli animali, cere animali e acidi grassi da C6 a C24 e rispettivi sali di potassio, sodio, calcio e magnesio; glicerolo)

- **IONIZATION**

This product did not undergo any ionizing treatment and does not contain any ingredient or additive that was treated by ionization. Questo prodotto non ha subito alcun trattamento ionizzante e non contiene alcun ingrediente o additivo che è stato trattato per ionizzazione.

- **IDENTITY PRESERVED**

This product is in accordance with regulations 1829/2003 EC about GM Food and Feed & 1830/2003/EC about traceability and labelling.

Questo prodotto è conforme alle normative CE 1829/2003 sui prodotti alimentari e mangimi GM & 1830/2003 / CE su tracciabilità e l'etichettatura.

- **GMO free**

This product is not derived from GMOs raw materials, as defined in Article 2(2) of Directive 2001/18/EC, or their derivatives either directly or indirectly (for example, genetically modified substrates, genetically modified organisms etc.), and that all reasonable steps have been taken to avoid contamination from GMOs or their derivatives.

Questo prodotto non è derivato da materie prime OGM, come definito all'articolo 2(2) della direttiva 2001/18 / CE, o loro derivati, direttamente o indirettamente (per esempio, substrati geneticamente modificati, organismi geneticamente modificati), e sono state prese le misure necessarie per evitare la contaminazione da OGM o loro derivati.

- **Organic certificate**

Our organic raw materials and processes are verified by certification and control body CCPB (www.ccpb.it), according to European Regulation (EC) N° 1829/2003 and N° 1830/2003 of the European Parliament of the Council of 22 September 2003, and N° 834/2007 on organic production and labelling.



Le nostre materie prime biologiche e i processi sono verificati dal nostro ente di controllo CCPB (www.ccpb.it), in base al Regolamento Europeo (CE) n° 1829/2003 e n° 1830/2003 del Parlamento europeo e del Consiglio del 22 settembre 2003 e N° 834/2007 relativo alla produzione biologica e all'etichettatura.

- **Animal Test**

This product and any component parts have not been the subject of animal testing or retesting for cosmetic product by or on behalf of this company since its foundation.

note:

the term Animal is defined by the Animals (Scientific Procedures) Act UK of 1986; cosmetic product as defined by article 1 (1) of the EU 93/35 Cosmetics Directive

Questo prodotto e gli eventuali componenti non sono stati oggetto di sperimentazione animale o test di prodotto cosmetico da o per conto di questa azienda fin dalla sua fondazione. (anno 2003)

nota:

- Il termine Animal è definito dall'Animals (procedure scientifiche) Act del Regno Unito del 1986;
- prodotto cosmetico come definito dall'articolo 1 (1) della Direttiva UE 93/35 cosmetici.

- **Pesticides – CMR PRODUCTS**

The products are free from pesticides contents in conformity with regulation 396/2005 EC and its last amendments; these parameters are tested annually on a random batch;

The products are free from products CMR listed in Annex II and III of Directive 2005/80/EC amending Reg. CE 1223/2008.

I prodotti non contengono pesticidi in conformità al Regolamento 396/2005 EC e ultimi aggiornamenti.

Non contengono prodotti presenti e limitati come da Direttiva 2005/80/EC - Reg. CE 1223/2009.

These parameters are tested annually on a random batch.

Tali parametri vengono verificati annualmente su un lotto casuale

- **PCB and DIOXINE LIKE**

contents in conformity with regulation 1259/2011/EC;

these parameters are tested annually on a random batch.

Contenuto In conformità al Regolamento 1259/2011/EC;

tali parametri vengono verificati annualmente su un lotto casuale

- **HEAVY METALS**

contents in conformity with regulation 1881/2006 EC;

these parameters are tested annually on a random batch.

Contenuto in conformità al Regolamento 1881/2011 EC;

tali parametri vengono verificati annualmente su un lotto casuale.

- **PAH (Polycyclic aromatic hydrocarbons)**

contents in conformity with regulation 835/2011 EC; these parameters are tested annually on a random batch.

Contenuto in conformità al Regolamento 835/2011 EC; tali parametri vengono verificati annualmente su un lotto casuale.

- **VHCs, VOCs and solvents residue**

no solvents or chemicals substance are used to process the product, so this product is in conformity with REACH regulation about vegetable oil (1907/2006 EC).

I prodotti non contengono solventi o sostanze chimiche nel processo produttivo, in conformità con il Regolamento REACH relativo agli oli vegetali (1907/2006 EC).

- **AFLATOXINS**

contents in conformity with regulation 165/2010 EC; these parameters are tested annually on a random batch

contenuto in conformità del regolamento 165/2010 CE; tali parametri vengono verificati annualmente su un lotto casuale

- **NANO PARTICLES**

The product does not contain any nano particles.

Il prodotto non contiene nano materiali.

- **BSE/TSE**

The product is free from BSE / TSE.

Il prodotto non contiene BSE / TSE.

- **FORMOL/FORMALDEHYD LIBERATOR**

The product does not contain any formaldehyde or other preservatives cessories formaldehyde

il prodotto non contiene formaldeide né altri conservanti cessori di formaldeide.