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## DATA SHEET

Vegetable oil

# MACADAMIA KENYA ORGANIC

*Macadamia tetraphylla L.A.S.Johnson*

Number of pages : 3  
Created on : 02/11/2003  
Modified on : 16/06/2015  
Last update : 14/11/2016

**TDS FB042**

Version 04.21

Agro-alimentary Organic product certified by FR-BIO-01

### PROCESSING METHOD

Vegetable oil obtained by expression without heating from the nut of Macadamia tetraphylla L.A.S.Johnson organic.

### PHYSICAL PROPERTIES

Odour : **Characteristic of hazelnut**  
Appearance : **Oily mobile liquid**  
Color : **Light yellow to orange**

### CHEMICAL PROPERTIES

Specific gravity at 20°C : **0,905 to 0,920**  
Refractive index at 20°C : **1,464 to 1,472**  
Optical rotation at 20°C : **N.A.**  
Flash point : **+252 °C**  
Acidity (% oleic acid) : **< 2%**  
Peroxide value : **< 5 meqO2/kg**

### MAIN INGREDIENTS

**Oleic acid (50,00 to 65,00%)**  
**Palmitoleic acid (15,00 to 30,00%)**  
**Palmitic acid (5,00 to 15,00%)**  
**Stearic acid (2,00 to 7,00%)**  
**Linoleic acid (1,00 to 5,00%)**  
**Arachidic acid (1,00 to 4,00%)**

### TECHNICAL SPECIFICATIONS

#### Vegetable oil (100 % pure and natural)

N°CAS TSCA : -  
N°CAS EINECS : **128497-20-1**  
N°EINECS : -  
N°FEMA : -  
N°FDA : -  
N°CoE: : -  
FCC : -  
RIFM : -  
FMA : -  
AFNOR : -  
INCI : **MACADAMIA TERNIFOLIA SEED OIL**

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**REGULATION INFORMATION**

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**DANGEROUS SUBSTANCES DIRECTIVE (DSD) - DIRECTIVE N° 67/548/EEC**■ **HAZARDS IDENTIFICATION**

Not regulated

■ **SUBSTANCE CLASSIFICATION CMR (CARCINOGENIC, MUTAGENIC, TOXIC TO REPRODUCTION)**

Carcinogenicis : Not regulated  
Mutagenicity : Not regulated  
Toxic effects on the reproductive system : Not regulated

**CLP REGULATION - REGULATION (EC) N° 1272/2008**■ **HAZARDS IDENTIFICATION****HAZARD PICTOGRAM(S)**

Not regulated

**HAZARD STATEMENT(S)**

Not regulated

**SIGNAL WORD**

Not regulated

**PRECAUTIONARY STATEMENT(S)**

Not regulated

**ADDITIONAL HAZARD INFORMATION(S)**

Not regulated

■ **SUBSTANCE CLASSIFICATION CMR (CARCINOGENIC, MUTAGENIC, TOXIC TO REPRODUCTION)**

Carcinogenicis : Not regulated  
Mutagenicity : Not regulated  
Toxic effects on the reproductive system : Not regulated

**HANDLING AND STORING**

Follow usual precaution of chemical ingredient handling. Store in a sealed container, in a dry, cool and aired area, protected from the light.

*Shelf life : 1,5 year(s) from the date of manufacture*

**TRANSPORT INFORMATION**

Not regulated

Customs rate code : 15 15 90 40 00

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**SPECIAL INDICATIONS**

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- The presence of the following allergen substances in a finished product must be indicated by way of labelling if their respective concentration exceeds 100 ppm in a rinsed product and 10 ppm in a product not rinsed. (7th amendment of Cosmetic Directive European 2003/15/EC)

Present allergens : **None**

- IFRA restrictions : **Not regulated**

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Contact **M. HERNANDEZ Freddy**

This sheet has been updated on 14/11/2016

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Number of pages : 3

Printed on : 15/11/2016

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