



## TECHNICAL DATA SHEET

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# SWEET ALMOND VIRGIN OIL

Version: 1.3

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

EXAFLO  
5 rue des Pyrénées  
P.O. Box CP 30561  
94653 Rungis Cedex - France  
T +33 (0)1 41 73 23 10  
[exaflor@orange.fr](mailto:exaflor@orange.fr) - [www.exaflor.co](http://www.exaflor.co)

**Name** : SWEET ALMOND VIRGIN OIL  
**Product code** : AMDHV02  
**Origin** : Europe, Spain, Italy, USA

### SECTION 2: PRODUCTION PROCESS

**Manufacture** : Fatty oil obtained from the almond of kernels of *Prunus amygdalus dulcis* by pressure

### SECTION 3: REGULATORY SITUATION

**Botanical name** : *Prunus amygdalus dulcis*  
**INCI Name** : PRUNUS AMYGDALUS DULCIS OIL  
**Synonyms** : CAS N° : 8007-69-0  
**CAS-No.** : 90320-37-9  
**EC-No.** : 291-063-5

### SECTION 4: Physical and chemical properties

**Physical state** : Liquid.  
**Colour** : Yellow.  
**Odour** : characteristic.  
**Flash point** : > 300 °C  
**Relative density** : 0.91 – 0.92  
**Refractive index** : 1.46 – 1.48  
**Optical rotation** :  
**Solubility** : Soluble in oil. Soluble in. Ethers.

Acid value (mg KOH / g): max 2  
Peroxide value (mEq O<sub>2</sub> / kg): max 10  
Iodine value(g I<sub>2</sub> / 100g): 95 - 109  
Saponification value: 190 - 200

**Composition** : C16:0 Palmitic acid : 3 - 10 %  
C16:1 Palmitoleic acid : Max1 %  
C18:0 Stearic acid : Max 3 %  
C18:1 Oleic acid : 62 - 86 %  
C18:2 Linoleic acid : 20 - 30 %  
C218:3 Linolenic acid: Max 1 %

### SECTION 5: Handling and storage

**Storage conditions** : Keep container tightly closed. Protect from sunlight.  
**Maximum storage period** : 18 months At the best before date, the oil preserves all its characteristics. Its manufacturing process, its conditioning, as well as the applied storage are studied to allow, if necessary, a possible extent of its validity by reanalyzing of its characteristics.  
**Storage temperature** : ≈ 18 (5 – 25) °C

Exaflor Technical Data Sheet

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*