

# Product - Specification

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Reg-No.: Sp300040f

Rev-No.: f

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Product / Trading-Name: **Soybean oil hydrogenated Ph. Eur. 11.0 not subject to mandatory labeling**

**Description:** Hydrogenated soya-bean oil is the product obtained by refining, bleaching, hydrogenation and deodorisation of oil obtained from the seeds of *Glycine max* (L.) Merr. (*G. hispida* (Moench) Maxim.). The product consists mainly of triglycerides of palmitic and stearic acids. It is not subject to mandatory labeling according to the EC Regulations 1829/2003 and 1830/2003.

**Product No.:** 300040

**CAS No.:** 8016-70-4

**EINECS No.:** 232-410-2

**INCI Name:** Hydrogenated Soybean Oil

**Properties:** White or almost white mass or powder which melts to a clear, pale yellow liquid when heated. Practically insoluble in water, freely soluble in methylene chloride, in light petroleum (bp: 65 -70 °C) after heating and in toluene, very slightly soluble in ethanol (96 %).

Parameter	Method	Unit	Value
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## Physical and Chemical Characteristics

acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 0,5
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 5,0
alkaline impurities	Ph. Eur. [2.4.19]		complies with
unsaponifiable matter	Ph. Eur. [2.5.7]	%	max. 1,0
slip melting point	Ph. Eur. [2.2.15]	°C	66 - 72

## Fatty Acid Composition (GC of FAMES)

< C 14	Ph. Eur. [2.4.22]	%	max. 0,1
14:0 myristic acid	Ph. Eur. [2.4.22]	%	max. 0,5
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	9,0 - 16,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	79,0 - 89,0
18:1 oleic acid and isomers	Ph. Eur. [2.4.22]	%	max. 4,0
18:2 linoleic acid and isomers	Ph. Eur. [2.4.22]	%	max. 1,0
18:3 linolenic acid and isomers	Ph. Eur. [2.4.22]	%	max. 0,2
20:0 arachidic acid	Ph. Eur. [2.4.22]	%	max. 1,0
22:0 behenic acid	Ph. Eur. [2.4.22]	%	max. 1,0

## **Storage:**

**Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.**

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