

Product - Specification

gustavheess
group of companies since 1897

Reg-No.: Sp300040h

Rev-No.: h

Printing Date: 21. January 2026

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Product / Trading-Name: **Soybean oil hydrogenated Ph. Eur. 12 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 to almost white mass, powder or flakes 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
<u>Physical and Chemical Characteristics</u>			
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
<u>Fatty Acid Composition (GC of FAMES)</u>			
< 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

Version Ph.Eur.:

This specification complies with the current version of the Ph.Eur.

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Storage:

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