

Product - Specification

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Reg-No.: Sp300040e

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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 |
|-----------|--------|------|-------|
|-----------|--------|------|-------|

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.

Residual Solvents:

It complies with the guideline CHMP/ICH/82260/2006 (residual solvents)

| | | | | | |
|-----------------|----------|-----------------|----------|------------------|----------|
| Created: | AS | Checked: | AW | Released: | MT |
| Date: | 09.12.22 | Date: | 12.12.22 | Date: | 13.12.22 |

