

TECHNICAL DATA SHEET

Effective date: 11.2020

Rice Bran Oil

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Oryza sativa bran oil
Botanical name	Oryza sativa L.
Chemical name	Oleum oryzae
Description	High level of tocochromanols (tocopherols and tocotrienols) plus a high oxidative stability plant oil
Manufacturing process	Pressed from fresh rice bran, followed by an extraction, dewaxing, bleaching, deodorization and winterization process
Part used	Bran

TECHNICAL DATA

Physical parameters

Appearance	Liquid
Color	Light yellow
Odor	Characteristic
Relative density at 20°C	0,916 – 0,922
Refractive index at 20°C	1,470 – 1,474
Acid value	0,6
Iodine value	92 – 115
Saponification value	185 – 195

Chemical composition

Fatty acid composition	%
Myristic acid (C 14:0)	Max 1,0 %
Palmitic acid (C 16:0)	12,0 - 22,0 %
Palmitoleic acid (C 16:1)	Max 0,5 %
Stearic acid (C 18:0)	0,5 - 4,0 %
Oleic acid (C 18:1)	35,0 - 50,0 %
Linoleic acid (C 18:2)	29,0 - 45,0 %
Linolenic acid (C 18:3)	Max 3,0 %

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Arachidic acid (C 20:0)	Max 1,2 %
Eicosenoic acid (C 20:1)	Max 1,0 %
Behenic acid (C 22:0)	Max 0,5 %

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Tightly sealed container under cool and dry storage conditions and exclusion of light. Once opened to be used immediately.
Shelf Life	36 months, in closed packaging and the recommended conditions.
Custom tariff	-

LEGISLATION

Certification	-
CMR substances	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008.
Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and 2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
EINECS	271-397-8
CAS	68553-81-1

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.