

**TECHNICAL DATA SHEET**Effective date: 11.2020
Rev.1**Refined Shea Butter****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Butyrospermum parkii butter
Botanical name	Vitellaria paradoxa C.F. Gaertn./ Butyrospermum parkii
Manufacturing process	Butter extracted from shea nuts by mechanical pressure followed by a refining
Part used	Seeds

TECHNICAL DATA**Physical parameters**

Appearance	Solid
Color	Light gray to white
Odor	Characteristic, mild
Refractive index at 40°C	1,460 - 1,475
Acid value	Max 0,5 mg KOH/g
Iodine value	52 - 68
Peroxide value	Max. 10.0 meq-O ₂ /kg
Unsaponifiable matter	Min 4.0 %
Water content	Max. 0.10 %
Melting point	34 - 44 °C

Chemical parameters

Fatty acid composition	%
C12:0 (lauric acid)	Max. 1.0
C14:0 (myristic acid)	Max. 1.0
C16:0 (palmitic acid)	3.0 - 8.0
C18:0 (stearic acid)	36.0 - 50.0
C18:1 (oleic acid)	40.0 - 50.0
C18:2 (linoleic acid)	4.0 - 8.0
C18:3 (linolenic acid)	Max. 1.0
C20:0 (arachidic acid)	Max. 2.0
C20:1 (ecosenoic acid)	Max. 1.0

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C22:0 (behenic acid)	Max. 1.0
C24:0 (lignoceric acid)	Max. 1.0
Trans fatty acids	Max 2

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	The conditions of conservation are optimal when the butter is preserved in a full and closed packing away from light at a temperature below 18°C.
Shelf Life	36 months, in closed packaging and under recommended conditions.
Customs code	Technical use : 15 15 90 60 00 Food use : 15 15 90 99 99

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.
Ionization	This product did not undergo any ionizing treatment and does not contain any ingredient or additive that was treated by ionization
GMO position	In accordance with regulations 1829/2003 EC & 1830/2003 EC
Pesticides	Contents in conformity with regulation 396/2005 EC and its last amendments
PCB type dioxin	Contents in conformity with regulation 1259/2011EC
Heavy metals	Contents in conformity with regulation 1881/2006 EC
PAH (Polycyclic aromatic hydrocarbons)	Contents in conformity with regulation 835/2011 EC
Aflatoxins	Contents in conformity with regulation 165/2010 EC
Glycidyl esters	Contents in conformity with regulation (UE) 2018/290: Max 1 mg/kg
Trans fatty acids	Contents in conformity with regulation (EU) 2019/649
EINECS	293-515-7
CAS	91080-23-8



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DISCLAIMER

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