



CALLEBAUT

ESTABLISHED 1911

841-E4-U71

Product specification according to the legislation of EU

SEPHRA EUROPE LTD
DENBURN ROAD
SEPHRA HOUSE
SCOTLAND
KIRKCALDY
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KY1 2BJ
UNITED KINGDOM

Product Specification

Legal denomination : Couverture milk chocolate
Certification Certified HALAL
Article : 841-E4-U71
Commodity code for EU : 1806.2010

Typical composition

sugar 36.0%; cocoa mass 22.0%; cocoa butter 20.0%; whole **milk** powder 14.5%; skimmed **milk** powder 6.0%; emulsifier: lecithins (soya) <1%; natural vanilla flavouring <1%

Cocoa Horizons Foundation: cocoa ingredients. Supports the Cocoa Horizons Foundation in countries where the program is operating.

Delivery form

	EAN	Net weight	Gross weight
UC	5410522535334	2.500 KG	
BOX	5410522535327	20.000 KG	

Shape Callets
Amount 2,5KG/UC
Amount per box/bag/each 8UC/BOX
Amount per pallet 30BOX/PAL
Order quantity 20 KG (or multiply of this)

Packaging information

Packaging unit	Packaging material	Identification code
UC	Bag	07-O
BOX	Box	20-PAP

Chemical limits

			Ref.Method
MOISTURE	max 1 %		IOCCC1(1952)
TOTAL FAT CONTENT	36.3 %	+/- 1.5	IOCCC14(1972)

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Physical limits		Ref.Method
LINEAR VISCOSITY	1,200 - 1,600 mPa.s	IOCCC46(2000)
Particle size : max. 3 % of the dry fatfree substance is > 30 micron.		IOCCC38(1990)

Microbiological limits		Ref.Method
TOTAL PLATE COUNT (CC)	max 5,000/g	ISO4833
YEASTS	max 50/g	ISO7954
MOULDS	max 50/g	ISO7954
ENTEROBACTERIACEAE	max 10/g	ISO21528-2
COLIFORMS	max 10/g	ISO4832
E.COLI	not detected/g	ISO16649-2
SALMONELLAE	not detected/375g	ISO6579-1

Barry Callebaut works with the latest version of the ISO standard of the reference methods as can be found on the International Standard Organization website <http://www.iso.org>

Alternative methods are also used place of the reference ISO standard after validation through the ISO 16140 scheme by an international recognized reference body (AOAC, Microval, AFNOR e.g.) and complimentary internal validation study on cocoa and chocolate matrices.

Shelf life
18 Month (s) after production date under below recommended storage conditions

Nutritional data for 100g (by calculation based on literature data)			
ENERGY VALUE	556 kcal	VITAMIN C L-ASCORBIC ACID	0.403 mg
ENERGY VALUE RI	27.8 %	VITAMIN C RI	0.5 %
ENERGY VALUE	2,328 kJ	VITAMIN D CALCIFEROL	1.438 µg
TOTAL FAT	36.3 g	VITAMIN D RI	28.8 %
TOTAL FAT RI	51.9 %	VITAMIN D (IU)	58
SATURATED FATTY ACID	21.8 g	VITAMIN E ALPHA-TOCOPHEROL	2.592 mg
SATURATED FATTY ACID RI	109.1 %	VITAMIN E RI	21.6 %
MONO UNSATURATED FATTY ACID	11.6 g	VITAMIN E (IU)	4
POLY UNSATURATED FATTY ACID	1.1 g	FOLATE	12.095 µg
TRANS FATTY ACID (TFA) TOTAL	0.3 g	FOLATE RI	6.0 %
CHOLESTEROL	15.6 mg	PHOSPHORUS	242.5 mg
AVAILABLE CARBOHYDRATES	46.2 g	PHOSPHORUS RI	34.6 %
AVAILABLE CARBOHYDRATES RI	17.8 %	IRON	6.63 mg
SUGARS (MONO+DISACCHARIDES)	44.7 g	IRON RI	47.4 %
SUGARS (MONO+DISACCHARIDES) RI	49.7 %	MAGNESIUM	69.9 mg
POLYOLS	0.0 g	MAGNESIUM RI	18.7 %
STARCH	1.1 g	ZINC	1.42 mg
DIETARY FIBRE	4.1 g	ZINC RI	14.2 %
TOTAL PROTEIN	8.5 g	IODINE	5.46 µg
PROTEIN RI	17.1 %	IODINE RI	3.6 %
MILK PROTEIN	5.9 g	CALCIUM	202.0 mg
SALT	0.20 g	CALCIUM RI	25.3 %

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SALT RI	3.3 %	CHLORIDE	170.91 mg
SODIUM	78.5 mg	CHLORIDE RI	21.4 %
ORGANIC ACIDS	0.73 g	POTASSIUM	517.2 mg
TOTAL ALKALOIDS	0.27 g	POTASSIUM RI	25.9 %
POLY HYDROXYPHENOLS	0.66 g	MANGANESE	0.01 mg
ALCOHOL	0.00 g	MANGANESE RI	0.7 %
VITAMIN A RETINOL	36.122 µg	FLUORIDE	0.07 mg
VITAMIN A (IU)	120	FLUORIDE RI	2.0 %
VITAMIN B1 THIAMIN	0.109 mg	SELENIUM	4.73 µg
VITAMIN B1 RI	10.0 %	SELENIUM RI	8.6 %
VITAMIN B2 RIBOFLAVIN	0.488 mg	CHROMIUM	32.71 µg
VITAMIN B2 RI	34.9 %	CHROMIUM RI	81.8 %
VITAMIN B3/PP NIACIN/NICOTIN	0.332 mg	MOLYBDENUM	41.52 µg
VITAMIN B3 RI	2.1 %	MOLYBDENUM RI	83.0 %
VITAMIN B12 CYANO-COBALAMINE	0.445 µg	ASH CONTENT	2.06 g
VITAMIN B12 RI	17.8 %		

RI = Reference Intake

Allergens: presence as ingredient or through cross contact on production line

MILK PRODUCTS (EXCL. LACTITOL)	1	OATS	0
LACTOSE	1	RYE	0
EGGS AND PRODUCTS THEREOF	0	BARLEY (EXCL. GLUCOSE SYRUP)	0
SOY*	1	WHEAT IN. SPELT, EX. GL. SYRUP	0
FISH (INCL. SQUID)	0	HYBRIDIZED STRAINS OF CEREALS	0
CRUSTACEAE (INCL. SHRIMP/PRAWN, CRAB)	0	HAZELNUTS/FILBERTS (CORYLUS VAR.)*	0
SULPHUR DIOXIDE/ SULPHITES IN CONC	0	ALMONDS*	0
CELERY PRODUCTS	0	BRAZIL NUT*	0
PEANUTS*	0	CASHEW NUT*	0
FULLY REFINED PEANUT OIL/FAT	0	MACADAMIA/BUSH/QUEENSLAND NUT*	0
SESAME PRODUCTS (INCL. OIL/FAT)	0	PECAN NUT*	0
MUSTARD PRODUCTS	0	PISTACHIO*	0
LUPIN	0	WALNUT*	0
MOLLUSCS (INCL. ABALONE)	0	F. REF. NUT OIL/FAT,EX. PEANUT	0

Legend : 1 = present 0 = absent

*: excluding fully refined oil/fat

Other substances of interest

BEEF	0	CHESTNUT (CASTANEA VARIETIES)*	0
PORK	0	PINE/PINON/PIGNOLI NUTS (PINUS VAR.)*	0
CHICKEN	0	PILI NUT*	0
FRUCTOSE	1	SHEANUT*	0
MAIZE	0	HEARTNUT*	0

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Other substances of interest

VANILLIN	1	CHINQUAPIN*	0
ALCOHOL	0	LYCHEE NUT*	0
ASPARTAME	0	BEECH NUT*	0
BUCKWHEAT	0	BUTTERNUT*	0
GLUTEN>20 PPM	0	COCONUT*	0
BARLEY BASED GLUCOSE SYRUP	0	HICKORY NUT*	0
WHEAT B. GLUC. SYRUP INC. DEX.	0	LACTITOL	0
FULLY REFINED SOYBEAN OIL/FAT	1		

Legend : 1 = present 0 = absent

*: excluding fully refined oil/fat

Dietary suitability information

SUITABLE FOR VEGETARIANS	1	SUITABLE FOR VEGANS	0
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Legend : 1 = suitable 0 = not suitable

"Suitable for vegans" is based on ingredients list and does not take into account possible cross contact during production.

Legal data (calculated according to EU Directive 2000/36/EC)

Dry cocoa solids	42.2 %	+/-1,5
Dry fatfree cocoa solids	9.9 %	+/-0,5
Dry milk solids	20.4 %	+/- 1
Milkfat	4.1 %	+/-0,5

Storage conditions

Store the product in a clean, dry (relative humidity max.70 %) and odourless environment.
Recommended storage temperature: 12 - 20 °C

Kosher certification

Kosher Dairy

Kosher certificate available on request. Kosher status is confirmed on packaging (only for solid products).

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Evie De Vis