



CHD-CI-6006801-016

Product specification according to the legislation of USA

CLARK ASSOCIATES INC.
2205 OLD PHILADELPHIA PIKE
LANCASTER PA 17602
UNITED STATES

Product Specification

Legal denomination : Semi-sweet chocolate
Certification Certified HALAL Crescent M by IFANCA
Commercial name : Ultimate
DARK
Item : CHD-CI-6006801-016

Typical composition

sugar; unsweetened chocolate; cocoa butter; soy lecithin; natural vanilla extract; salt

Possible allergen cross contact during processing

May contain : Milk

This product is made on shared lines that process products containing milk and milk derived ingredients, and, therefore, may contain milk. The level of cross contact milk allergen can vary. We strongly recommend our customers pass this allergen information forward and include it on their own product labels, particularly products sold to consumers. This product is not suitable for dairy free or vegan claims or any consumer-facing labels that do not indicate potential presence of milk. We also advise our customers to consider potential risks associated with any US State allergen content compliance initiatives. For more information please consult with your BC representative.

Delivery form

	EAN	Net weight	Gross weight
BOX	20842701033	13.608 KG	14.232 KG
Shape		Chunks	
Amount		300CT/LB	
Amount per box/bag/each		30LB/BOX	
Amount per pallet		70BOX/PAL	

Product characteristics

COUNT PER POUND 225 - 375

Chemical limits

			Ref.Method
MOISTURE	max 1 %		IOCCC1(1952)
TOTAL FAT CONTENT	29.7 %	+/- 1.0	IOCCC14(1972)

Physical limits

		Ref.Method
FINENESS (MICROMETER)	25.0 - 37.0 µm	INTERNAL METHOD

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for customer 95810

Barry Callebaut USA LLC - Suite 860 600 West Chicago Avenue

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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	absent/g	ISO16649-2
SALMONELLAE	absent/25g	ISO6579

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.

Nutritional data for 100g (by calculation based on literature data)

ENERGY VALUE	485 kcal	VITAMIN B2 (DV)	2.8 %
ENERGY VALUE	2,027 kJ	VITAMIN B3/PP NIACIN/NICOTIN	1.977 mg
CALORIES FROM FAT	257 kcal	VITAMIN B3 (DV)	12.4 %
TOTAL PROTEIN	4.3 g	VITAMIN B12 CYANO-COBALAMINE	0.000 µg
PROTEIN (DV)	8.6 %	VITAMIN B12 (DV)	0.0 %
MILK PROTEIN	0.0 g	VITAMIN D CALCIFEROL	0.482 µg
TOTAL CARBOHYDRATES	63.9 g	VITAMIN D (DV)	2.4 %
TOTAL CARBOHYDRATES (DV)	23.2 %	VITAMIN D (IU)	19
SUGARS (MONO+DISACCHARIDES)	52.6 g	VITAMIN E ALPHA-TOCOPHEROL	1.884 mg
ADDED SUGARS	52.6 g	VITAMIN E (DV)	12.6 %
ADDED SUGARS (DV)	105.3 %	VITAMIN E (IU)	3
POLYOLS	0.0 g	VITAMIN M FOLIC ACID	1.607 µg
POLYDEXTROSE	0.00 g	VITAMIN M (DV)	0.4 %
STARCH	1.7 g	SODIUM	38.9 mg
TOTAL FAT	30.1 g	SODIUM (DV)	1.7 %
TOTAL FAT (DV)	38.6 %	VITAMIN C L-ASCORBIC ACID	0.000 mg
SATURATED FATTY ACID	18.0 g	VITAMIN C (DV)	0.0 %
SATURATED FATTY ACID (DV)	90.0 %	PHOSPHORUS	133.1 mg
MONO UNSATURATED FATTY ACID	9.9 g	PHOSPHORUS (DV)	10.7 %
POLY UNSATURATED FATTY ACID	0.8 g	CALCIUM	32.7 mg
TRANS FATTY ACID (TFA) TOTAL	0.0 g	CALCIUM (DV)	2.5 %
CHOLESTEROL	0.0 mg	IRON	7.34 mg
CHOLESTEROL (DV)	0.0 %	IRON (DV)	40.8 %
ORGANIC ACIDS	0.54 g	MAGNESIUM	107.9 mg
DIETARY FIBRE	6.8 g	MAGNESIUM (DV)	25.7 %
DIETARY FIBRE (DV)	24.1 %	ZINC	1.44 mg

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TOTAL ALKALOIDS	0.44 g	ZINC (DV)	13.1 %
ALCOHOL	0.07 g	IODINE	0.00 µg
POLY HYDROXYPHENOLS	1.08 g	IODINE (DV)	0.0 %
VITAMIN A RETINOL	4.391 µg	CHLORIDE	62.02 mg
VITAMIN A (IU)	15	POTASSIUM	374.9 mg
VITAMIN B1 THIAMIN	0.144 mg	POTASSIUM (DV)	8.0 %
VITAMIN B1 (DV)	12.0 %	ASH CONTENT	1.11 g
VITAMIN B2 RIBOFLAVIN	0.036 mg		

Additional allergen information: presence as ingredient or through cross contact on production line

MILK PRODUCTS (EXCL. LACTITOL)	1	HAZELNUTS, ALMONDS	0
LACTOSE	1	OTHER NUTS *	0
EGGS AND PRODUCTS THEREOF	0	HAZELNUT OIL, ALMOND OIL	0
SOY**	1	PEANUTS **	0
FULLY REFINED SOYBEAN OIL/FAT	1	FULLY REFINED PEANUT OIL/FAT	0
LUPIN	0	SESAME PRODUCTS (INCL. OIL/FAT)	0
GLUTEN	0	SESAME OIL	0
WHEAT	0	MUSTARD PRODUCTS	0
RYE	0	SULPHITE	0
BUCKWHEAT	0	VANILLIN	1
BEEF	0	CELERY PRODUCTS	0
PORK	0	ALCOHOL	1
CHICKEN	0	ASPARTAME	0
FISH (INCL. SQUID)	0	FRUCTOSE	1
CRUSTACEAE (INCL. SHRIMP/PRAWN, CRAB)	0	SUITABLE FOR VEGETARIANS	1
MOLLUSCS (INCL. ABALONE)	0	SUITABLE FOR VEGANS	0
CORN	0		

Legend : 1 = present / suitable 0 = absent / not suitable

Other nuts * : walnuts, pecan nuts, cashew nuts, pistachio nuts, Brazil nuts, macadamia nuts, chestnuts, pine nuts, hickory nuts and coconuts.

** : excl. fully refined oil/fat

Additional information

Calculations according to CODEX.

Typical Cocoa Content 46.4 %

Storage conditions

Store the product in a clean, dry (relative humidity max.70 %) and odourless environment.

Storage Temperature : 12 - 20 °C / 54 - 68 °F

Kosher certification

Kosher Dairy

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

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Optional certifications and programs

Cocoa Horizons Foundation	Cocoa Horizons Foundation: cocoa ingredients. Supports the Cocoa Horizons Foundation in countries where the program is operating.
Fair Trade	Any reference to Fairtrade (FT) requires a valid Fairtrade certificate. Traded to Fairtrade Standards. Fairtrade ingredients: cocoa, sugar and vanilla (if applicable)
Fair Trade Sourced Ingr Cocoa	Any reference to Fairtrade / FSI requires a valid Fairtrade certificate. FSI cocoa Fairtrade ingredients: cocoa
Fair Trade Sourced Ingr Sugar	Any reference to Fairtrade/FSI requires a valid Fairtrade certificate.FSI sugar Fairtrade ingredients: sugar
Fair Trade USA Cocoa MB	Fair Trade Certified™ (Cocoa) by Fair Trade USA Inc. Fairtrade ingredients: cocoa
Fair Trade USA MB	Fair Trade Certified™ (Ingredients) by Fair Trade USA Inc. Fairtrade Ingredients: cocoa, sugar and vanilla (when present)
Rainforest Alliance MB	Rainforest Alliance - cocoa MB Rainforest Alliance MB ingredients: Cocoa
UTZ cocoa mass balance	UTZ ingredients: Cocoa

Please refer to your contract for the option(s) chosen.

Printed on 2021/09/02 for customer CLARK ASSOCIATES INC.

Nova Guertin