



PRODUCT SPECIFICATION

Product Code: Cargill Cream

Product Description: Vegetable fat

Ingredients: Blend of Vegetable Oils, Emulsifier, Antioxidant. It is not processed by hydrogenation.

Application area: Used in production of chocolate spreads and soft fillings.

Sensorial Properties: Characteristic taste, odour and appearance. Must not have any foreign taste, odour and material.

Chemical / Physical / Microbiological Properties:

Parameters	Properties	Reference
Melting Point(°C)	32-40	AOCS Cc 3-25
Refractive Index (Nd50)	1,4600-1,4635	Refractometer
Moisture and Impurities (%)	Max. 0,1	AOCS Ca 2b-38
Solid Fat Content% (SFC) 20 °C 30 °C 35 °C	Sum / Win 4,0-5,5 3,0 – 4,5 2,7 – 4,0	MPOB Test Method p4.9:2004 SFC-Indirect
Peroxide Value (meq O ₂ /kg)	Max. 1,0	AOCS Cd 8b-90
Soap Content (before addition of lecithin) (ppm)	Max. 5	AOCS Cc 17-95
Soap Content (after addition of lecithin) (ppm)	Max. 200	AOCS Cc 17-95
Free Fatty Acids (oleic acid, %)	Max. 0,2	AOCS Ca 5a-40
Trans Fatty Acids(%)	Max. 1,0	AOCS Ce 1h-05
Coliform Bacterias	<10	ISO 4832
Mold and Yeast	<10	ISO 7988

Contaminants:

Heavy Metals

Lead (ppm)	Max. 0,1
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Dioxins and dioxin-like PCB's

Total dioxins (WHO/PCDD/F-TEQ)	Max. 0,75 pg/g oil
Total dioxins and dioxin-like PCBs (WHO/PCDD/F-PCB-TEQ)	Max.1,25 pg/g oil
Total PCB 28, 52, 101, 138, 153 and 180(ICES-6)	Max. 40 ng/g oil

Polycyclic aromatic hydrocarbons (PAH)

Benzo(a)pyrene	Max. 2,0 µg/kg
Benzo(a)pyrene, Benzo(a)anthracene, Total benzo(b)fluoranthene and crescene	Max. 10 µg/kg

Erucic Acid

Erucic Acid, (%)calculate on total fatty acids content.	TED-0,3
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It is in accordance with "Turkish Food Codex Contaminants Regulation".

Pesticides

It is in accordance with "Turkish Food Codex Maximum Residue Limits Regulation".

GMO Declaration

It is in accordance with the requirements of Biosecurity Law of 26 March 2010 no 5977 and Genetically Modified Organisms and Derivatives Regulation of 13 August 2010 no 27671

Allergen Declaration

Declarable allergens	Yes/No
1) Gluten containing cereals (wheat, rye, barley, oat, spelt wheat, kamut) and their hybrid species	No
2) Crustaceans and derivatives	No
3) Egg and derivatives	No
4) Fish and fish products	No
5) Peanut and peanut products	No
6) Soybean and soybean products	No
7) Milk and milk products (including lactose)	No
8) Nuts: Almond (Amygdaluscommunis L.), hazelnut (Corylusavellana), walnut (Juglansregia), cashew nut(Anacardiumoccidentale), pecan nut (Caryaillinoiesis(Wangenh.) K.Koch), brazil nut (Bertholletiaexcelsa), pistachio (Pistaciavera), macadamia nut and Queensland nut (Macadamiaternifolia) and their derivatives	No

Cargill Gıda ve Tarım Sanayi ve Ticaret A.Ş.
Balıkesir Şubesi
Organize Sanayi Bölgesi 2. Cadde No: 16-18 Balıkesir
Tel: +90 (266) 2811160
Fax: +90(266) 2811260

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9) Celery and celery products	No
10) Mustard and mustard products	No
11) Sesame seed and sesame seed products	No
12) Sulphure dioxyde and sulfides (more concentrated than 10 mg/kg or 10 mg/L calculated as total SO2)	No
13) Lupin and lupin products	No
14) Molluscs and mollusc products	No

Package Information

Net 16,38 kg. lacquered and printed tin.

Packaging and Coding

Each batch and unit has a separate group number. Production date (year/month/day), production type, package writing and serial number are on the analysis certificate.

Shelf life : 12 months at appropriate storage conditions.

Storage Conditions

Keep at cool, dry, odorless place away from sun light.

Delivery Conditions

Must be transported in clean, closed vehicles, kept away from all kind of external factors (odour, pest, pest residue, glass, wood etc. contaminating factors) without damage and/or spoil.