Bulk Naturals Wholesale LLC
bulknaturalswholesale.com
212 N Jefferson Unit 12A Ava, Mo 65608, USA / Phone: 1-417-319-6030

DEODORIZED TALLOW

TECHNICAL DATA SHEET

Product Overview:
Deodorized tallow is made from selected beef fats and then refined, bleached and deodorized.

Product Specifications: (using AOCS Test Method #)
*tests are conducted at CFC and are on Certificate of Analysis (COA)

F**lavor / Odor (sensory):** Bland
Color, Lovibond (Cc13b-45): 1.5R (max)
Free Fatty Acid, % as Oleic (Ca 5a-40): 0.10 (max)
Melt Point (Mettler): 107 – 118°F
Peroxide Value, mEq/kg (Cd 8b-90): 1.5 (max)1

Typical Properties: (not reported on COAs)
*Universal test results

OSI @ 110°C (hours): 15.0 (min)
Physical State: Solid
Appearance: Light Yellow
Smoke Point: 425°F (min)
F**lash Point (Closed Cup):** 500°F (min)
M**oisture, %:** 0.1 (max)

Label Ingredients Statement:
Beef Fat or Deodorized Tallow

Applications:
Baking, Frying and Cooking and also used in the Cosmetics Industry

Claims:
USDA Certified (symbol will be present on label)

Country of Origin:
Tallow or beef fat are sourced and manufactured in the USA and Canada.

Process Flow:
Tallow or Beef Fat: Derived from rendered, refined, bleached and deodorized tallow. Produced in a USDA inspected facility.

Status of Ingredient Statement:
Deodorized Tallow, CFC 819 is considered Highly Refined, Lactose Free, Gluten Free, Glutamate Free, BSE & TSE Free (Rendered tallow is known to be low risk with respect to BSE & TSE, as the BSE (TSE) agent, a prion, is protein based and neither does it reside in the fat nor is it soluble. Due to the high level of processing and filtration it is extremely unlikely to present any risk of contamination).

Packaging & Availability:
Contact sales for packaging options and product availability

Storage & Shelf Life:
Store at 65 - 75°F in a dry and odor-free environment. Best if used within 9 months from the date of manufacture in unopened containers.

Sewer Sludge and Irradiation: Columbus Vegetable Oils products are not exposed to, nor cultivated in, sewage sludge during production and subsequent processing. The oil is not exposed to any irradiation.

Food Grade Statement:
CVO hereby certifies that Deodorized Tallow, CFC 819 is Generally Recognized as Safe (GRAS) as per 21CFR 182.1 and it is manufactured to Good Manufacturing Practices and is safe for its intended use in foods. Product is considered Read-to-Eat.

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Regulatory Information:
Deodorized Tallow, CFC 819 is exempt from REACH (EC 1907/2006) as per Annex V, understood to be in Compliance with EU 2023/915, All additives (except TBHQ) comply to EC 96/77/EC, meets CONEG requirements, and is registered and compliant with Public Health & Security. Product complies with Proposition 65.
CAS# 61789-97-7
EC# 263-099-1
INCI Name – Tallow
FDA Bioterrorism Preparedness and Response Act of 2002 Registration #: ---------5788. Registration is Current.

Foreign Material Contamination:
Pesticide Residues - Vegetable Oils may be routinely monitored for both Organo Phosphate and Chlorinated pesticide residuals by our suppliers. Detections limits for testing are in the 0.01ppm range. Due to the extensive processing involved, these materials are not expected to remain even if present in the original oilseed. To date, no detectable levels are known to be present in the product.

Heavy Metals - When previously tested, no reportable levels of heavy metals have been found. These include but are not limited to Lead (<0.1 ppm), Cadmium (<0.05ppm), Chromium (<0.05ppm), Mercury (<0.05ppm), and Arsenic (<0.1ppm).

To the best of our knowledge, this product is not at risk of exposure to chemicals or substance on the CMR list. As well as likely meets EU criteria on 3-MCPD and GE content.

Other contaminants – There is no known content or contamination of potentially hazardous components in this product and as such there is no risk of contamination. These components include but are not limited to chlorpyrifos, mycotoxins, phthalates, PAH, BPa, Dioxin, melamine, ethylene oxide, zearalenone, and organic solvents.

GMO Statement:
Non GMO
This term shall be used to describe products that contain NO ingredients, additives or processing aides derived from commodities that have commercially grown GMO varieties in the supply chain (i.e. contains no soybean, corn, cotton, canola, squash, papaya, potato or tomato).

Deodorized Tallow, CFC 819 is packed using clean lines and is free from all extraneous material that might harbor genetically modified organisms (GMOs) or substances derived thereof.

As per the USDA, this product is not considered to be Bioengineered, and no additional labeling is necessary.

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Microbiological Statement:
This product by Columbus Vegetable Oils has low moisture content (less than 0.10% typical), have in general been processed at elevated temperatures, and lack nutrients essential to support growth of most microorganisms. Organisms considered food-borne pathogens or of concern from a quality standpoint are not able to proliferate in oil. Columbus processes and packs oil and shortening in a closed and sealed system offering little opportunity for contamination from extraneous materials that might harbor pathogens, viral particles etc.

The typical limits for microorganisms are outlined below.

Organism	Limits
Total Plate Count	Less than 100 per gram
Coliforms	Less than 10 per gram
E. coli	Less than 10 per gram
Staph. areus	Negative
Salmonella	Negative
Yeast & Molds	Less than 10 per gram

Nutritional Data:

Organism	Amount/100g
Total Solids**	100
Moisture***	0.0
Calories*	884
Total Fat (g)***	100
Saturated Fat (g)**	48.8
Polyunsaturated Fatty Acids (g)*	4.0
Monounsaturated Fatty Acids (g)*	41.8
Trans Fatty Acids (g)**	3.8
16:0 Palmitic*	24.9
18:0 Stearic*	18.9
18:1 Oleic*	36.0
18:2 Linoleic*	3.1
18:2 Trans**	3.8
18:3 Linolenic*	1.0
Total Carbohydrate (g)*	0.0
Total Dietary Fiber	0.0
Total Sugars (g)*	0.0
Added Sugars (g)*	0.0
Protein (g)*	0.0
Cholesterol (mg)*	93.75
Ash (g)*	0.0
Iron (mg)*	0.0
Sodium (mg)*	0.0
Potassium (mg)*	0.0
Calcium (mg)*	0.0
Vitamin A (mcg/RAE)*	0.0
Vitamin C (mg)*	0.0
Vitamin D (mcg)*	0.0

*USDA National Nutrient Database for Standards,
**Calculated
***Based on Analytical Results

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Allergens:
Deodorized Tallow, CFC 819 does not contain any of the nine major allergens, which are soy, eggs, peanut, milk, wheat, tree nuts, fish, sesame and crustacean fish.

Follows Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA) (Pub. L. 108-282).

Refined, bleached, and deodorized (RBD) oils do not contain any proteinaceous material. The high temperature and filtration used in the RBD process effectively removes any proteins, potentially allergenic material from the oil. Furthermore, refined oils do not require allergen labeling under the Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA).

RBD oils derived from an allergen source include: Allergen Labeling required for Europe (Directive 2000/13/EC and Directive 2007/68/EC). Please reference your country of destination legislation for any additional allergen labeling.

Allergen	In the Product	On the same line	In the Facility
Soy Lecithin - Soy	**no**	**no**	**yes**
Toasted Sesame Oil - Sesame	**no**	**no**	**yes**
Sensitizing Agents (NOT KNOWN ALLERGENS)			
Artificial Flavors – Butter	**no**	**no**	**yes**
Artificial Preservatives – TBHQ, BHA, BHT	**no**	**yes**	**yes**

Stored Products:
Allergens listed below are not found in the oil production facility, and those marked with * may be stored and labeled in the warehouse in finished form. All products come from approved suppliers. Each product is evaluated on the potential cross contamination with other products and allergens in the approved supplier's facility. If there is any risk to that product, then it is stated at the top of this section as "may contain" or "contains". Otherwise, if it is not, those

***Milk and derivatives, *eggs and derivatives, *fish**, shellfish (including crustaceans, mollusks and their derivatives), ***tree nuts and derivatives, *wheat and derivatives,** rice and derivatives, corn and derivatives, gluten sources (other than Wheat: such as oat and its by products, barley, rye, malt, buckwheat, spelt and kamut), yeast and derivatives, Lupin and derivatives, artificial colors, MSG, benzoates, hydrolyzed vegetable proteins, sulfites, artificial sweeteners, ***animal derivatives,** sodium, ***mustard, *celery seeds,** *seeds, aspartame, saccharin, ***cocoa and derivatives,** cinnamon, lactose, casein, rBST bovine growth hormone, and caffeine.

Allergen Cross-Contamination Prevention:
Potential allergenic materials are produced using designated storage and processing, the risk of contamination is extremely low. When flush oils are used these are isolated and used only in products that may contain the same allergens. All containers and storage tanks are labeled accordingly if they may contain allergens. Columbus also has a dressing plant in the same building but in a separate, closed area. The allergens handled there are wheat, soy, milk, eggs, fish and celery. There are procedures in place to minimize any cross contamination and risk.

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