



ARIYAN INTERNATIONAL INC.
Bridging Businesses Together

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STANDARD SPECIFICATION OF REFINED BLEACHED DEODORIZED (RBD) SOYBEAN OIL

Product Description:

To produce Soybean Oil, the soybeans are cracked, adjusted for moisture content, heated to between 60 – 88 °C (140 – 190 °F), rolled into flakes and Solvent–Extracted with Hexanes. The oil is then refined, blended for different applications, and sometimes hydrogenated. Soybean oils, both liquid and partially hydrogenated are sold as "Vegetable Oil" or are ingredients in a wide variety of processed foods. Most of the remaining residue (Soybean Meal) is used as animal feed.

Application:

It is excellent medium for Cooking, Stir and Deep Frying. It is suitable for both consumer and industrial usage.

Shelf Life:

12 months from production when stored in original packaging at 25 °C (77 °F) max and humidity at 65% max. Please keep away from direct sunlight and odoriferous materials.

Available Sizes:

We are offering multiple packaging options for Retail and Industrial consumers. Our packaging solutions have several advantages that extend shelf life, improve cost savings, lower pack weight and freight cost savings. We can ship RBD Soybean Oil in 1 & 2 Liters Pet Bottles and 5, 18, 20 & 25 in Jerry Cans, Flexi–Bag (21/MT), in Steel and Plastic Drum (190/Kg). We can also ship in IBC Tote (1/MT).

Recommended Storage Conditions:

- <> Store in a cool, dry place free from rodent infestation.
- <> Avoid direct exposure to sunlight.
- <> Product that has been opened should be used as soon as possible.

Product Specifications:

CHARACTERISTIC	VALUE	TEST METHOD
Free Fatty Acids (FFA)	Max: 0.05%	AOCS Ca 5a – 40
Phosphorous	Max: 5ppm	AOCS Ca 12b – 92
Insoluble Impurities	Max : 0.05%	AOCS Ca 3a – 46
Moisture & Volatiles	Max: 0.05%	AOCS Ca 2c – 25
Iodine Value	Min: 125 / Max: 139	AOCS Cd 1d – 92
Peroxide Value	Max: 1 meq/kg	AOCS Cd 8 – 53
Oxidative Stability Index (OSI)	Min: 5 hrs	AOCS Cd 12B – 92
Color, Lovibond	Max: 1.5 Red	AOCS Cc 13b – 45
Color, Lovibond	Max: 15 Yellow	AOCS Cc 13b – 45
Flavor	Min: 8	AOCS Cg 2 – 83
Chlorophyll	Max: 20ppb	AOCS Cc 13i – 96
Tocopherols, Spectrophotometer	Min: 800ppm	
FAC – C16:8 Palmitic Acid	Min: 9.5% / Max: 11.5%	
FAC – C18:0 Stearic Acid	Min: 3.0% / Max: 5.0%	
FAC – C18:1 Oleic Acid	Min: 19% / Max: 26.5%	
FAC – C18:2 Linoleic Acid	Min: 50% / Max: 57%	



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FAC – C18:3 Linolenic Acid	Min: 9.5% / Max: 6%	
FAC – C Total Trans	Max: 1.0%	
Cold Test @ 23 °F	Min: 5 hours	AOCS Cc 11 – 53

QUALITATIVE ATTRIBUTES:

Color	Clear Yellow	
Flavor	Bland No Off	
Aroma	Bland No Off	

* At the time of shipment.

Nutritional Information:

Nutritional Facts

Serving Size 1 Tablespoon (4.5 g) Servings

Amount Per Serving

Calories 40

Calories from Fat 40

Total Fat 4.5 g
– Saturated Fat 0.7 g
– Monounsaturated Fat 1 g
– Polyunsaturated Fat 2.6 g

Cholesterol 0 mg

Sodium 0 mg

Total Carbohydrate 0 mg

– Dietary Fiber 0 g

– Sugar 0 g

Protein 0 g

***Daily**

Value*

6%

3%

0%

0%

0%

0%

0%

Vitamin A 0%

Vitamin C

0%

Calcium 0%

Iron

0%

Vitamin D 0%

Vitamin B6

0%

Vitamin B12 0%

Magnesium

0%

* Percent Daily Values are based on 2,000 Calories diet. Your Daily Value may be higher or lower depending on your calories needs.

Specifications are subjected to change without prior notice as our company practices continuous product improvement.

Shelf Life Recommendation:

Store product and maintain its temperature in a cool (70 – 80 °F), dry area away from odor causing substances.

All information herein is considered to be confidential. Solid Fat Content analysis has been statistically evaluated to establish the new specification. There may be some minor corrections/modifications made as new data becomes available. All physical and chemical analyses are determined as packed.

The information given above is, to the best of the company's knowledge and belief, accurate and reliable. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.