

# BLACK & WHITE GLOBAL



BLACK AND WHITE GLOBAL  
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## CRUDE & REFINED OIL





# SUNFLOWER OIL

Sunflower oil is the non-volatile oil pressed from the seeds of sunflower (*Helianthus annuus*). Sunflower oil is commonly used in food as a frying oil and in cosmetic formulations as an emollient. Sunflower oil is primarily composed of linoleic acid, a polyunsaturated fat and oleic acid, a monounsaturated fat.



## REFINED SUNFLOWER OIL

- Specific density (AT 20c): 0,918 – 0,920
- Refractive index (AT 40c): 1.467 – 1.469
- Transparency of oil, max: 10 fem
- AciditymgKOH% gmoilmax:0,1–0,6
- PeroxidevaluemMol/kgoilmax: 0,1– 0,7
- Color value iodine, mg max: 4
- Lodinevalue(WIJS):110–144
- Moisture & Volatile % max: 0,06
- Saponificationvalue, mg KOH/gm oil: 188 – 194
- Phosphorus containing matter (P2O5): Negative
- Non-fatty Impurities, % max: Negative
- Coloring materials, allowed to ad: According to the international standards
- Artificial flavors, allowed to ad: According to the international standards
- Anti oxidants: 200mg/kg but galate not more than 100mg/kg
- Preservative agent: According to the international standards Anti foaming:10mg/kg
- Anti crystallization: 1250mg/kg
- Soap content: 0,005 max
- Unsoluble impurities % mass: 0,5max

**Price: \$1,000 USD/METRIC TON CIF**

## CRUDE SUNFLOWER OIL

- FFA (%) NEN-EN-ISO 660 max 3.0
- Moisture (%) NEN-EN-ISO 662 max 0.5
- Impurities (%) NEN-EN-ISO 663
- Colour Lovibond(5¼inch)NEN6308
- PeroxideValueatloading(meq/kg)NEN-EN-ISO3960
- Relative density at 20oC NEN 6311
- Iodine value (g 12/100g) NEN-EN-ISO 3961
- Flash point oC – Min 121 oC
- Microbiological safety

**Price: \$350 USD/METRIC TON CIF**





# CORN OIL

Corn oil is a refined vegetable oil widely used in cooking and especially deep frying. It also has many other applications and it commonly used for industrial purpose or as an ingredient in cosmetics.



## REFINED CORN OIL

- Fatty Acids (F.F.A): 0.1
- Specific Gravity(25°C): 0.915-0.922
- Moisture: 0
- Unsaponifiable: 2.0 max
- Impurities: 0
- Saponification Value: 187-193
- Peroxide Value: at the time of loading max 1
- Refractive Index(25°C): 1.47-1.474
- Iodine Number 103-128 ODOR DEODORISED
- Titre 14-20 Taste Bland

**Price: \$1,150 USD/METRIC TON CIF**

## CRUDE CORN OIL

- FFA (As Oleic) : 3%max
- Moisture / Impurities: 0.5%max
- Refraction Index: 1.4719-1.4740 @ 25° C
- Iodine Index: 120-144 Saponification
- Number: 187/192
- NonSaponificationmatter:1.0%max
- Soluble in petroleter: 0.1% max;
- Sediment: 0.3%max;
- Flashpoint: 121°Cmin;
- Peroxide: 2.0 MEQ02/KG

**Price:**

**\$500USD/METRIC TON  
CIF**





## RAPESEED OIL (CANOLA OIL)

Rapeseed oil contains the least saturated fat of all oils - and that's good, as current advice confirms a diet high in saturated fat is linked to poorer heart health. It has less monounsaturated fat than olive oil, but a bigger proportion of polyunsaturated fat, which helps to lower LDL cholesterol.



## REFINED RAPESEED OIL

- FFA (%) NEN-EN-ISO 660 max 0,1
- Moisture (%) NEN-EN-ISO 662 max 0,05
- Impurities (%) NEN-EN-ISO 663 negative
- Colour Lovibond (5¼ inch) NEN 6308 15Y, 1,5R
- Peroxide Value at loading (meq/kg) NEN-EN-ISO 3960 max 1.0
- Relative density at 20°C NEN 6311 0,91 – 0,93
- Iodine value (g 12/100g) NEN-EN-ISO 3961 110 – 126
- The product is not allowed to contain the following pesticides:
  - Toxaphene Max. 0.10mg/kg
  - Total DDT Max. 0.05mg/kg
  - Other pesticides (individual) Max. 0.01mg/kg
  - PCB's Max. 0.01 mg/kg
- Presence of the following metals is tested:
  - Cadmium Max. 0.02 mg/kg
  - Mercury Max. 0.05mg/kg
  - Copper Max. 0.05mg/kg
  - Arsenic Max. 0.10mg/kg
  - Lead Max. 0.10 mg/kg
  - Nickel Max. 0.20 mg/kg
  - Iron Max. 0.10 mg/kg
- Microbiological characteristics. The following analyses are done periodical:
  - Total viable counts <1000>
  - Salmonella neg./25gr.
  - Lypolytic m.o. <10>
  - Yeast <10>
  - Mould <10> Enterobacteriaceae
  - max 10./gr. E-Coli <3>

**Price: \$1,050**

**USD/METRIC TON CIF**

## CRUDE DEGUMMED RAPESEED OIL

- Density(15 °C) Kg/m<sup>3</sup> 900-930 DINENISO 12185
- Flash Point P.-M °C Min. 220 DINENISO 2719
- Cinematic Viscosity(40 °C) mm<sup>2</sup>/s max. 36,0 DIN EN ISO 3104
- LowercloricvalueKj/kgmax.36.000DIN51900-2
- Cetane Number ./ min. 39 IP 498
- CarbonResidueMassn.C.%(m/m)max.0,40DINEN ISO 10370
- Iodine Number g Jod/100g 95-125 DIN EN 14111
- Sulphur Contentmg/kgmax. 10 DINENISO 20884
- Contamination mg/kg max. 24 DIN EN 12662 Erucic
- AcidValuemgKOH/gmax. 2,0DINEN14104
- Oxidation Stability 110 °C h min. 6,0 DINEN 14112
- Phosphorus Contentmg/kgmax. 12 DINEN 14107
- Content of alkaline earth
- Metals (Ca+Mg) mg/kg max. 20 E DIN EN 14538
- OxidAshContent%(m/m)max.0,01DINENISO6245
- Water Content K.-F. mg/kg max. 750 DIN EN ISO 12937

**Price: \$650 USD/METRIC TON CIF**

## CRUDE RAPESEED OIL

Appearance light dust

- Smell and taste characteristic to rape seed oil
- Colored number mg, iodine, max 90
- Acid value, mg KOH / g, max 6
- Moistureandvolatilematter,%,max 0.25 Un
- fat mixture, %, max 0.2
- Flash point, C °, min 230
- Unsupponification, %, max 1.5
- Soap Number mg/KOH 165-200
- Phosphorus matter recounting for
- stearooleoletsitin,%, max 2.0
- Mass of eruk acid, %, max 3.0

**Price: \$400 USD/METRIC TON  
CIF**





# SOYBEAN OIL

Refined deodorized oil is widely used in food industry, including: oil and fat industry, bakery, candy manufacturing, cannery and meat processing. Soy oil is also used in the combined feed, paint and varnish and other industries.





## REFINED SOYBEAN OIL

- FFA (%) NEN-EN-ISO 660 max 0,1
- Moisture (%) NEN-EN-ISO 662 max 0,05
- Impurities (%) NEN-EN-ISO 663 negative
- Colour Lovibond (5¼ inch) NEN 6308 15Y, 1,5R
- Peroxide Value at loading (meq/kg) NEN-EN-ISO 3960 max 1.0
- Relative density at 20°C NEN 6311 0,91 – 0,93
- Iodine value (g 12/100g) Own method 125 – 140

**Price: \$750 USD/METRIC TON CIF**

## CRUDE SOYBEAN OIL

- FFA (As oleic with a molecular weight of 282):  
Basis: 1.00%, Maximum: 1.25%
- 1.06% to 1.15% – discount to be 0.9% of contract price
- 1.16% to 1.25% – discount to be 1.2% of contract price
- Up to 0.021% – discount to be 0.2% of contract price
- Lecithin (expressed as Phosphorous): Basis: 0.020%, Maximum: 0.025%
- Sediment (Gardner Break test): Maximum: 0.10%
- Impurities (insoluble in petrol ether): Maximum: 0.10%
- Moisture and Volatile Matter: Maximum: 0.20%
- Unsaponifiable Matter (test as per N.S.P.A.): Maximum: 1.50%
- Colour (Lovibond cell 1 inch): Basis: not darker than 50 yellow plus 5 red

**Price: \$250 USD/METRIC TON CIF**



## CRUDE DEGUMMED SOYBEAN OIL

- Free Fatty Acids (As OLEIC) Molecular Weight 282-Basis: BASE 1.00% MAX.1.25%Moisture and Volatile Matter: 0.20% MAX.
- Density(Specific Weight)at25Cand4CMin. 0.9180Max. 0.9225
- Flash Point: MORE THAN 121 (250 F)
- Saponificationvalue Min. 188 Max. 198
- Iodinevalue WIJS Min. 12 Max. 143
- Impurities (Insoluble in Petrol Ether): 0.10% MAX.
- UnsaponifiablesMatter(testasperN.O.P.A.):Max.1.50pct.
- Sediment (Gardner Break Test): 0.10% MAX.
- Lecithin (expressed as Phosphorous): 0.02% MAX.
- Color Index(MGIodine)(Lovibond Cell1inch): 50-60 Yellowand 5-6Red.
- Refractive index at 20 degrees C: 1.505 to 1.512
- Halphen reaction Negative
- 

**Price: \$300 USD/METRIC TON CIF**





# PEANUT OIL

Peanut oil, also known as groundnut oil, is a vegetable oil derived from peanuts. The oil usually has a mild or neutral flavor but, if made with roasted peanuts, has a stronger peanut flavor and aroma. It is often used both for general cooking, and in the case of roasted oil, for added flavor.





## REFINED PEANUT OIL

- Specifications Limits
- Specific gravity: (@25/25° C) 0.912-0.920
- Iodine Value: 84-100
- Saponification Value: 185-195
- Free Fatty Acid: < 2>
- Cotton Seed Oil: absent
- Refractive Index: (40°C) 1.462-1.464
- Heavy Metals: 0.001% max
- Solidification range: 26ø - 30ø
- Unsaponifiable Matter: < 1>
- Appearance: Pale yellow, bright & clear oily liquid
- Flavor: bland
- Odor: almost odorless
- 

**Price: \$700 USD/METRIC TON CIF**



# RBD PALM OLEIN

RBD Palm Olein obtained from fractionating of RBD Palm Oil to separate liquid parts (Olein) from solid parts (Stearin). RBD Palm Olein widely used as Frying Oil and Cooking Oil.

- CP 6, CP 8, CP 10





## REFINED PALM OIL

- FreeFattyAcid=Max0.1%
- Moisture= Max 0.1%
- Iodine Value = Min 56 WIJ's
- Slip Melting Point=Max 24 deg. C
- Color (5.25"LBD) =Max3R
- Cloud Point = Max 10 deg. C
- Appearance = white to pale yellow solid to semisolid lard-likefat
- Flavor and Odor = Bland, odorless
- **Price: \$1,300 USD/METRIC TON CIF**

## CRUDE PALM OIL

- FFA (%) MAX 0.10
- MOISTURE & IMP MAX 0.10
- IV: 48- 56
- MELTING POINT: 38
- OXIDATIVE STABILITY: MIN.12
- DENSITY, 20°C – KG/M3 – 912
- DENSITY, 50°C-KG/M3-892
- FLAM POINT °C -360
- FLASH POINT °C -320
- VISCOSITY, 50°C -MM2/S-28
- CETANE NUMBER 50
- CALORIC VALUE KJ/KG -MIN. 37000
- SULPHUR MG/KG – 3
- PHOSPHOR MG/KG -1.6
- CARBON RESIDE WT.%- 0.30

**Price: \$650 USD/METRIC TON CIF**

## REFINED PALM KERNEL OIL

- FFA (%) NEN-EN-ISO 660 max 0,1 •
- Moisture (%) NEN-EN-ISO 662 max 0,1 •
- Impurities (%) NEN-EN-ISO 663 Negative •
- Colour Lovibond (5¼ inch) NEN 630825Y, 2.5R •
- Peroxide Value at loading (meq/kg) NEN-EN-ISO 3960 max 1.0 •
- Relative density at 20°C NEN 6311 – •
- Iodine value (g 12/100g) NEN-EN-ISO 3961 16 – 25 •
- Melting point (of fat phase) (°C) Own method 26 – 28 •
- The product is not allowed to contain the following pesticides: •
- Toxaphene Max. 0.10 mg/kg •
- Total DDT Max. 0.05 mg/kg •
- Other pesticides (individual) Max. 0.01 mg/kg •
- PCB's Max. 0.01 mg/kg •

**Price: \$450 USD/METRIC TON CIF**



# REFINED VEGETABLE OIL

Palm Olein is the liquid fraction obtained by the fractionation of palm oil after crystallization at controlled temperatures. It is especially suitable for frying and cooking. Main applications of Palm Olein include salad and cooking oils in households, industrial frying fat of instant noodles, potato chips, doughnuts and condensed milk.

Colour (Lovibond 5 1/4" cell)	Red 3 max./Yellow 30 max.
Foreign odours and flavours	Nil
Mix of other type of oil	Nil
Moisture and volatile matter	0.2% maximum
Insoluble impurities	0.05% max.
Free fatty acids	0.1 max. expressed as palmitic acid
Acid value	0.6% KOH mg/1g oil max.
Peroxide value	2 milliequivalents peroxide oxygen/kg oil max.
Melting point	24°C max.
Soap content	0.005% max.
Saponification value	194 - 202 mg KOH/g of oil
Unsaponifiable matter	1.3% max.
Iodine number (Wijs)	>= 56g per 100g oil
Palmitic acid	38 to 43.5% of total fatty acids present
Cholesterol	Not more than 4% of total sterol content
Oleic acid	39.8 to 46% of total fatty acids present
Refractive Index (n <sup>o</sup> 40/D)	1.458 - 1.460
Relative Density (40°C/water at 20°C)	0.889 - 0.920
Authorised additives	Max. 75mg of butylated hydroxytoluene (BHT-E-321) per kg of oil

**Price: \$1,150 USD/METRIC TON CIF**

# VIRGIN OLIVE OIL

It is obtained by processing the oil extracted from olive pomace and adding extra virgin olive oil. Having a higher flash point compared to most refined seed oils, it represents a genuine and competitive alternative for cooking and frying.

## Specification

item	value
Type	OLIVE OIL
Product Type	Fruit Oil
Grade	Olive-Pomace
Processing Type	Refined
Cultivation Type	COMMON
Packaging	Bulk
Purity (%)	pomace + extra virgin olive oil
Certification	Halal, Kosher
Place of Origin	Tanzania
Brand Name	Olive
Model Number	SAS
Use	Other

**Price: \$1,250 USD/METRIC TON CIF**



# RBD COCONUT OIL

RBD Coconut Oil is type of coconut oil Refined, Bleached, Deodorized. Coconut Oil excellent as cooking oil, it withstand high temperatures and it does not breakdown easily compares to another oil.





## REFINED COCONUT OIL

- Coconut oil/fat, refined hydrogenated 30/34
- FFA (%) NEN-EN-ISO 660 max 0,06
- Moisture (%) NEN-EN-ISO 662 max 0,05
- Impurities (%) NEN-EN-ISO 663
- Colour Lovibond (5¼ inch) NEN 6308 15Y, 1,5R
- Peroxide Value at loading (meq/kg) NEN-EN-ISO 3960 max 0.5
- Relative density at 20oC NEN 6311 –
- Iodine value (g 12/100g) NEN-EN-ISO 3961 Max 2
- Meltingpoint(offatphase)(oC) Own method 30-34

- Presence of the following metals is tested:
- Cadmium Max. 0.02 mg/kg
- Mercury Max. 0.02 mg/kg
- Copper Max. 0.01 mg/kg
- Arsenic Max. 0.10 mg/kg
- Lead Max. 0.10 mg/kg
- Nickel Max. 0.10 mg/kg
- Iron Max. 0.10 mg/kg
- Microbiological characteristics.

The following analyses are done periodical:

- Total viable counts <1000>
- Lypolytic m.o. < 10>
- Yeast< 10>
- Mould< 10>
- Enterobacteriaceae max 10./gr.
- Toxaphene Max. 0.10 mg/kg
- Total DDT Max. 0.05 mg/kg
- Other pesticides (individual) Max. 0.01 mg/kg
- PCB's Max. 0.01 mg/kg

**Price: \$1,600 USD/METRIC TON CIF**

## CRUDE COCONUT OIL

- FFA (%) NEN-EN-ISO 660 Max 4
- Moisture (%) NEN-EN-ISO 662 max 0,5
- Colour gardner NEN 6309 Max 12
- Saponification value (mg KOH/gr) NEN-EN-ISO 3596 248 – 264
- Refractive index at 40oC NEN-EN-ISO 6320 1.4485 – 1.4500
- Iodine value (g 12/100g) NEN-EN-ISO 3961 Max 12
- Microbiological safety
- Oil does not contain water. The micro-organisms cannot grow under those circumstances

**Price: \$700 USD/METRIC TON CIF**



Packing	Packing Unit	Quantity/20 FT Container	Quantity/40FT	Quantity/Unit
1 liter PET bottle	12 Bottles/ carton	1500 cartons	2,208 cartons	12 liter
1.5 liter PET bottle	12 Bottles/ carton	1000 cartons	1,472 cartons	18 liter
2 liter PET bottle	6 Bottles/ carton	1500 cartons	2,208 cartons	12 liter
3 liter PET bottle	4 Bottles/ carton	1500 cartons	2,208 cartons	12 liter
5 liter plastic can	4 cans/ carton	900 cartons	1,325 cartons	20 liter
10 liter plastic can		1800 cans	2,650 cans	10 liter
20 liter plastic		900 cans	1,325 cans	20 liter
20 liter tins		900 tins	1,325 tins	20 liter
25 liter plastic		720 cans	1,060 cans	25 liter
200 liter drum		90 drums	132.5 drums	200 liter
210 liter drum		85.7 drums	126 drums	208 liter
220 liter drum		81.8 drums	120.5 drums	220 liter
Flexitank		21 Metric Tons	28 Metric Tons	21 /28MT

# **PAYMENT TERMS:**

**We only accept payment via T/T (bank to bank transfer) 50% upon invoice and 50% upon complete export documents.**

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