



PT
NUSWANTARA
AGRITAMA
INTERNATIONAL



2023

PRODUCTS CATALOG

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SELL **WITH** TRUST
PRIDE



FOREWORD FROM OUR CEO

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As we encounter periods of anticipated change and progression, along with global uncertainty, both politically and economically, it is critical to reach out to business partners as your operations look to cross boundaries.

Nuswantara Agritama International is proud to have started a long history of mutually beneficial quality cross-border trade practices by offering easy service access to the availability of the best agricultural commodities our clients require.

I founded Nuswantara Agritama International and took on the role of CEO not only to demonstrate its reputation, but also to improve and advance the network to the next level of development, inviting all employees to feel challenged to move forward with these changing times and keep working to ensure the excellent service to our clients without exception.

I am proud to have Nuswantara Agritama International which is able to adapt to the dynamics of business uncertainty.

My advice, ignore the competitor and focus on what this company can do to satisfy our clients. **Just simplify the complicated!** Thank You.





CRUDE PALM OIL (CPO)

3

Brief Overview

Crude Palm Oil (CPO) is a rich source of carotene and vitamin E, but it also contains impurities such as gums, pigments, trace metals and a number of other fat-soluble compounds. CPO can be refined and further fractionated to widen its application.

Applications

Apart from the food industry, CPO is also used as an ingredient in the production of plasticizers, paints and surface coatings. In addition, bio-diesel and soap are produced by crude palm oil by mixing it with petrodiesel or processed through transesterification.



CAS Number: 8002-75-3

HS Code: 1511.10.00

Physical Appearance: Dark red, viscous semisolid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Flexi Bag 21 MT nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Palmitic, % Max.)	5.0
Moisture and Impurities (% Max.)	0.25
Peroxide Value (meq/kg Max.)	2.0
Anisidine Value (Max.)	5.0
Deterioration of Bleachability Index - DOBI (Min.)	2.3





RBD PALM OIL (RBDPO)

4

Brief Overview

RBD (Refined, Bleached, and Deodorized) Palm Oil is derived from crude palm oil, which is extracted from the mesocarp of the oil palm fruit. RBD Palm Oil is an off-white solid in cold weather, a slightly yellow semisolid at room temperature and a slightly yellow liquid when heated to about 45° C.

Applications

Food Industry: RBD Palm Oil can be used in the making of shortening and margarine. RBD Palm Oil can be further processed down into RBD Palm Olein, which is consisted of the liquid parts of the RBD Palm Oil. The solid part will then result in RBD Palm Stearin.



CAS Number: 8002-75-3

HS Code: 1511.90.20

Physical Appearance: Light yellow to white semisolid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Flexi Bag 21 MT nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Palmitic, % Max.)	0.10
Moisture and Impurities (% Max.)	0.10
Iodine Value (Wijs Method, Max.)	55
Slip Melting Point (AOCS Cc 3-25, Min.)	33° C
Colour (5¼" Lovibond Cell, Max.)	3 Red



RBD PALM OLEIN (RBDPL)

5

Brief Overview

RBD Palm Olein is refined, bleached, and deodorized form of palm oil which is extracted after crushing palm fruit. It is used in many countries as edible frying and cooking oil.

Applications

Food Industry: The main application of RBD Palm Olein is very suitable for household frying and cooking activities, for restaurants serving a variety of noodles, potato chips, donuts and sweetened condensed milk.



CAS Number: 8002-75-3

HS Code: 1511.90.20

Physical Appearance: Light yellow to white liquid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Flexi Bag 21 MT nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Palmitic, % Max.)	0.10
Moisture and Impurities (% Max.)	0.10
Iodine Value (Wijs Method, Min.)	56
Slip Melting Point (AOCS Cc 3-25, Min.)	24° C
Colour (5¼" Lovibond Cell, Max.)	3 Red



RBD PALM STEARIN (RBDPS)

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Brief Overview

RBD Palm Stearin is a solid fraction of RBD Palm Oil, obtained by fractionation using simple crystallization and separation processes at a controlled temperature. The physical properties of RBD Palm Stearin is available on a broader range of melting points and iodine values.

Applications

Food Industry: It is a very useful source of fully natural hard fat component for products such as shortening, pastry and bakery margarines.



CAS Number: 8002-75-3

HS Code: 1511.90.20

Physical Appearance: White solid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Flexi Bag 21 MT nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Palmitic, % Max.)	0.20
Moisture and Impurities (% Max.)	0.15
Iodine Value (Wijs Method, Max.)	48
Slip Melting Point (AOCS Cc 3-25, Min.)	44° C
Colour (5¼" Lovibond Cell, Max.)	3 Red



CRUDE PALM KERNEL OIL (CPKO)

7

Brief Overview

Crude Palm Kernel Oil (CPKO) is derived from palm kernel, known as palm seed. It is liquid at room temperature and light yellow in color. The two oils i.e. palm oil and palm kernel oil derived from oil palm fruit are entirely different in fatty acid composition.

Applications

It is used to manufacture RBD palm kernel oil, which is used in food industries and oleochemical industries. It is also used to manufacture soap noodles blended with palm oil. Lauric acid, palmitic acid and other fatty acid are manufactured from this oil.



CAS Number: 8023-79-8

HS Code: 1513.21.10

Physical Appearance: White to light yellow semisolid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: HDPE Drums 190 kg nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid (as Lauric Acid, % Max.)	50
Moisture and Impurities (% Max.)	0.5
Iodine Value (Wijs Method, Max.)	19 at the time of shipment



RBD PALM KERNEL OIL (RBDPKO)

8

Brief Overview

RBD (Refined, Bleached, and Deodorized) Palm Kernel Oil is made by physical refining of crude palm oil. It is a solid in cold climates and semisolid at room temperature. Its melting point is between 25° to 27° Celsius. It has a sharp solid fat melting curve, making it premium raw material for specialty fats.

Applications

Food Industry: RBD Palm Kernel Oil mainly used in the manufacturing of shortening, ice cream, and filled milk. It is also a common material used to derive different kinds of fatty acids such as lauric acid, myristic acid, and oleic acid.



CAS Number: 8023-79-8

HS Code: 1513.29.95

Physical Appearance: Light yellow liquid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: HDPE Drums 190 kg nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Lauric Acid, % Max.)	0.10
Moisture and Impurities (% Max.)	0.10
Iodine Value (Wijs Method, Max.)	19 at the time of shipment
Colour (5¼" Lovibond Cell, Max.)	1.5 Red



RBD PALM KERNEL OLEIN (RBDPKL)

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Brief Overview

RBD Palm Kernel Olein is a lauric-based liquid coating that has an iodine value of 16.2 to 19.2 and it can be hydrogenated to produce a variety of product of different iodine values.

Applications

It is used in the production of specialty fats as a replacement of cocoa butter fat and milk fat. It is also used in the production of different kinds of chocolate, ice cream, soaps, cosmetics, and confectionaries.



CAS Number: 8023-79-8

HS Code: 1513.29.94

Physical Appearance:
Yellowish oily liquid

Incoterms® 2020: FOB, CIF
or as per buyer's request

Packaging: Flexi Bag 21 MT
nett. @ 20" FCL or as per
buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates,
please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Lauric Acid, % Max.)	0.10
Moisture and Impurities (% Max.)	0.10
Iodine Value (Wijs Method, Min.)	21
Colour (5¼" Lovibond Cell, Max.)	1.5 Red



RBD PALM KERNEL STEARIN (RBDPKS)

10

Brief Overview

RBD Palm Kernel Stearin is the more solid fraction of palm kernel oil obtained from fractionation. Specially tailored solid fat content delivers excellent mouthfeel with desired melting properties.

Applications

Food Industry: It is very useful source of fully natural hard fat component for products such as shortening, pastry, and bakery margarine, ice cream, etc.



CAS Number: 8023-79-8

HS Code: 1516.20.96

Physical Appearance: White solid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Box Cartons 20 kg nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Lauric Acid, % Max.)	0.10
Moisture and Impurities (% Max.)	0.10
Iodine Value (Wijs Method, Max.)	8
Colour (5¼" Lovibond Cell, Max.)	1.5 Red



PALM FATTY ACID DISTILLATE (PFAD)

11

Brief Overview

Palm Fatty Acid Distillate (PFAD) is a by-product of the crude palm oil refinery. It appears as a light brown solid at room temperature and melts into a brown liquid when heated. The melting point is 60° Celsius.

Applications

PFAD is used in cosmetic and nutraceutical industries as a source ingredient for dietary supplements. It is also used as raw materials for animal feeds and laundry soaps.



CAS Number: 8002-75-3

HS Code: 3823.19.20

Physical Appearance: Light brown solid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Steel Drums 190 kg nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Palmitic, % Min.)	70
Moisture and Impurities (% Max.)	1
Saponifiable Fatty Matter - SFM (% Min.)	95 (Basis 97)



PALM KERNEL FATTY ACID DISTILLATE (PKFAD)

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Brief Overview

Palm Kernel Fatty Acid Distillate (PKFAD) was made during the physical refining of crude palm kernel oil. It is mainly used in the soap industry as a raw material for shampoo and detergents.

Applications

Soap Industry: It is added to detergents, soaps, and bath products as surfactants, emulsifiers, and foaming agents.

Textile Industry: PKFAD and their esters are used in the manufacturing of intermediates in the textile industry and in lubricants.



CAS Number: 67701-05-7

HS Code: 3823.19.30

Physical Appearance: Light yellow liquid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Steel Drums 190 kg nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Lauric Acid, % Min.)	50
Moisture and Impurities (% Max.)	1
Total Fatty Matter - TFM (% Min.)	95



PALM ACID OIL (PAO)

13

Brief Overview

Palm Acid Oil (PAO) is a by-product obtained from the refining of palm oil. Palm Acid Oil specifications contain mainly of Free Fatty Acid (FFA) up to 50% and neutral oil, with 2 to 3% moisture and other impurities. It is similar to palm fatty acid distillate, however FFA is generally lower in palm acid oil compare to palm fatty acid distillate.

Applications

Palm acid oil is used to manufacture palm-based different fatty acids for industrial uses. Mainly palmitic acid, oleic acid, stearic acid, and linoleic acid are manufactured from palm acid oil.



CAS Number: 8002-75-3

HS Code: 3823.19.19

Physical Appearance: Light yellowish to yellowish liquid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Flexi Bag 21 MT nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Palmitic, % Min.)	50
Moisture and Impurities (% Max.)	3
Total Fatty Matter - TFM (% Min.)	95



HIGH ACID CRUDE PALM OIL (HACPO)

14

Brief Overview

HACPO or High Acid Crude Palm Oil is the result of the production of Crude palm oil with Fresh Fruit Bunches with higher levels of acidity. This high level of acidity is caused from the land, rain or time that the producer waited before processing that fruit.

Applications

High Acid Crude Palm Oil (HACPO) is another bio-diesel feedstock with an of FFA 8~15% that is also used to produced bio-diesel which meets international bio-diesel standards such as EN 14214 and ASTM D6751. Perchloric acid shows high catalytic activity for the conversion of FFA to FAME that can be used to treat a wide range of acidic oils and fats as well.



CAS Number: 8002-75-3

HS Code: 1511.10.00

Physical Appearance: Dark red, viscous semisolid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Steel Drums 190 kg nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Free Fatty Acid - FFA (as Palmitic, % Max.)	30
Moisture and Impurities (% Max.)	2
Iodine Value (Wijs Method, Min.)	45
Saponifiable Fatty Matter - SFM (% Min.)	195



PALM KERNEL EXPELLER (PKE)

15

Brief Overview

Palm Kernel Expeller (PKE) also known as Palm Kernel Meal or Cake is derived from palm kernel after oil extraction with an expeller machine. It is a medium range protein source, ideal for dairy and beef cattle feed.

Applications

It is the most cost-effective for dairy cattle and other ruminants in general, with 14% to 16% crude protein and 8% saturated fat. The result: Increases milk production, improves reproductive health and function because it does not contain aflatoxin residues such as cotton seed and genetically modified ingredients such as soybean or corn starch.



CAS Number: N/A

HS Code: 2306.60.90

Physical Appearance: Brown solid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: 50 kg PP Bags nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Total Calories (Kcal/100 gr)	419
Total Carbohydrate (%)	58
Protein (%)	14
Crude Fibre (%)	14
Total Fat (%)	14.7
Aflatoxin (ppb Max.)	20



PALM KERNEL SHELL (PKS)

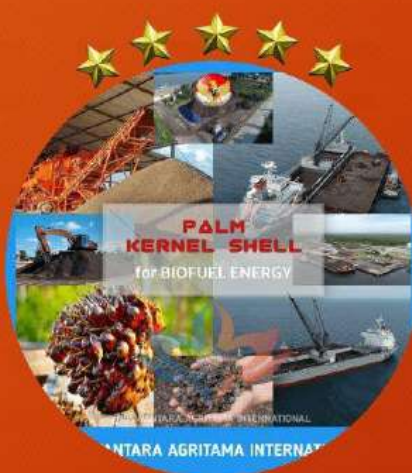
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Brief Overview

Palm Kernel Shell (PKS) is a component of palm fruits that lies between the palm fruit flesh and the palm kernel. Following the extraction of Crude Palm Oil (CPO) from the palm fruit flesh in the first stage of Palm Oil Mill processes, PKS covering palm kernel in intact form is sent to the next stage of cracking and separation of PKS and palm kernel.

Applications

PKS is gradually being considered as a substitute for steam coal. Since the early 2000s, most factories in Indonesia that use steam boilers have switched to using PKS as a substitute for coal.



CAS Number: N/A

HS Code: 1404.90.91

Physical Appearance: Dark brown solid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: PP Bags 50 kg nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Total Moisture (%)	17.80
Inherent Moisture (%)	10.60
Ash Content (%)	2.94
Fixed Carbon (%)	19.40
Total Sulphur (%)	0.04
Nett. Calorific Value (Kcal/Kg)	3.75



MULTIPURPOSE SOAP NOODLES

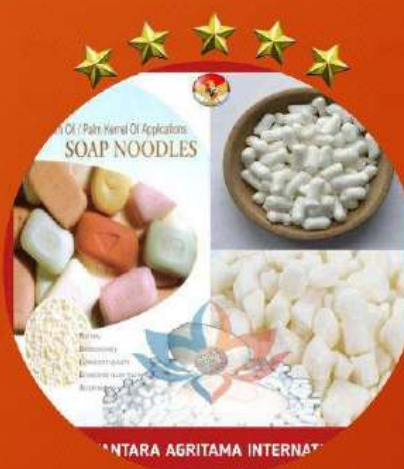
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Brief Overview

Soap Noodles are common raw materials for all kinds of soaps used. Generally, soap manufacturers purchase these soap noodles and add their flavour, fragrance, pigments, and other components to differentiate them from other brands.

Applications

Our Multipurpose Soap Noodles are produced by the saponification process of palm oil to get salts of fatty acid and used in the production of body wash, hand wash, and detergents.



CAS Number: 143-07-7

HS Code: 3401.20.20

Physical Appearance:
Natural white solid

Incoterms® 2020: FOB, CIF
or as per buyer's request

Packaging: Jumbo Bags 1,000
kg nett. @ 20" FCL or as per
buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates,
please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Chloride Content (% Max.)	0.6
Glycerol (% Max.)	1
Moisture (% Max.)	14
Free Acid (% Max.)	1.5
Total Fatty Matter (% Min.)	78

Composition of Mixed Ingredients:
Palm Oil 80% Max. and Palm Kernel Oil 20% Max.



CRUDE GLYCERINE

18

Brief Overview

Crude glycerine is a viscous liquid with a naturally sweet taste and light yellow to dark brown in color. Crude glycerine is derived from both natural and chemical feed stocks. Glycerine occurs in combined form in vegetable oils and fats as triglycerides. It is also found in animal fats.

Applications

Crude glycerine is used as an alternative to petroleum for the production of polyurethane. Polyurethanes are used to manufacture flexible and rigid foams.



CAS Number: 56-81-5

HS Code: 1520.00.10

Physical Appearance: Yellow to dark brown, viscous liquid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Flexi Bag 21 MT nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Glycerol Content (% Min.)	80
Water Content (% Max.)	15
Ash Content (% Max.)	7
MONG (% Max.)	5
Sodium Chloride (NaCl, % Max.)	7
Methanol (% Max.)	0.1





REFINED GLYCERINE

19

Brief Overview

Refined Glycerine, also known as glycerol or glycerin, is a simple straight-chain sugar alcohol that has three hydroxyl groups, which results in water solubility and hygroscopicity of glycerin. It has a typical melting point and boiling point of 17.8°C and 290°C, respectively. The refined Glycerine density is 1.26 g/cm³.

Applications

It comes from petrochemical feedstock. Due to its low toxicity and environmental friendliness, it is used in many applications such as food, medicine, cosmetics, and personal care items. It is also a versatile and valuable product from biodiesel production.



CAS Number: 56-81-5

HS Code: 2905.45.00

Physical Appearance: Clear odorless and colorless liquid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Flexi Bag 21 MT nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	STANDARD VALUE
Glycerol Content (% Min.)	99.7
Water Content (% Max.)	0.3
Chloride (ppm Max.)	10
Sulphate (ppm Max.)	20
Heavy Metal (ppm Max.)	5
Fatty Acid and Esters (ml NaOH 0.5N, Max.)	1.0



COOKING OIL - CP6, CP8, CP10

20

Brief Overview

The type of cooking oils are differentiated from the cloud point of the olein. The cloud point is the temperature at which olein will start to cloud or crystallize. It determines the degree of saturation and the stability of the olein in low temperature.

Applications

In comparison with other vegetable frying oil, RBD Palm Olein's cooking oil has excellent frying properties to produce high quality and tasty frying foods. RBD Palm Olein has a high oxidative resistance; therefore, RBD Palm Olein frying oil has a longer shelf life.



CAS Number: 8002-75-3

HS Code: 1511.90.36

Physical Appearance: Light yellow to white liquid

Incoterms® 2020: FOB, CIF or as per buyer's request

Packaging: Jerry Cans 10 litres nett. @ 20" FCL or as per buyer's request

Payment Terms: L/C or T/T

Price: For weekly updates, please visit our [website](#)

SPECIFICATIONS:

PARAMETERS	VALUE		
	CP6	CP8	CP10
Free fatty Acid - FFA (as Palmitic, % Max.)	0.04	0.1	0.1
Colour (5¼" Lovibond Cell, Max.)	2.7 R - 28 Y	3 Red	3 Red
Moisture and Impurities (% Max.)	0.04	0.1	0.1
Iodine Value (Wijs Method, Min.)	60	57	56
Slip Melting Point (Celsius, Max.)	24°	24°	24°
Cloud Point (Celsius, Max.)	6°	8°	10°

