WARSATA
INDONESIA

E - CATALOG
LAURIC OILS

Period 2024

CRUDE PALM KERNEL OIL

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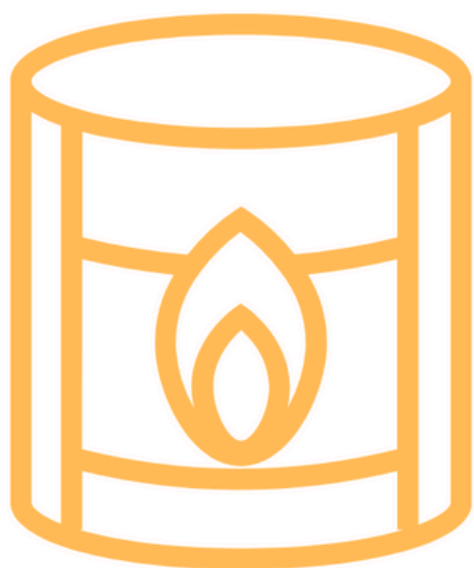
DESCRIPTION

Crude Palm Kernel Oil (CPKO) is crude palm kernel oil obtained by mechanical extraction of palm fruit kernels and usually still contains dissolved and insoluble impurities in the oil.

APPLICATION

The resulting palm kernel oil is reprocessed using Refining, Bleaching and Dedorant (RBD) or Fractional methods to obtain several products. However, for some finished products from palm kernel oil, such as food and cosmetics.

SPECIFICATION CRUDE PALM KERNEL OIL

FFA as Palmitic	**5% Max**
Moisture & Impurities (M&I)	**0,5% Max**
Iodine Value (IV)	**19 Max**

PALM KERNEL FATTY ACID DISTILLATE

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DESCRIPTION

Palm Kernel Fatty Acid Distillate or commonly known as PKFAD is produced as by-product during the refining process of the Palm Kernel Oil.

APPLICATION

PKFAD is widely used in the soap industries and oleo chemical industries.

SPECIFICATION PALM KERNEL FATTY ACID DISTILLATE

FFA as Palmitic	**50% Max**
Moisture & Impurities (M&I)	**1% Max**
TFM	**95 Min**

RBD PALM KERNEL OIL

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DESCRIPTION

Palm kernel oil is obtained from crushing of the Palm kernel. Its composition and properties differ significantly from Palm Oil which obtained from mesocarp of Palm Fruit. The quality of the oil is excellent, with free fatty acids of the crude oil generally below 2%. It is refined physically to produce a very light coloured oil which used for both edible and inedible purposes. Palm kernel oil does not contain cholesterol or trans fatty acids.

APPLICATION

Palm kernel oil is commonly used in commercial cooking because it is lower in cost than other oils and remains stable at high cooking temperatures. The oil can also be stored longer than other vegetable oils.

SPECIFICATION RBD PALM KERNEL OIL

FFA as Palmitic	**0,1% Max**
Moisture & Impurities (M&I)	**0,1% Max**
Iodine Value (IV)	**19 Max**
Color (5¼¹¹ Lovibond Cell)	**1,5 Red Max**

PALM KERNEL EXPELLER

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DESCRIPTION

Palm Kernel Expeller is palm biomass obtained as a by-product from palm kernels after oil extraction.

APPLICATION

Palm kernel meal (palm kernelmeal or palm kernel expeller) is used as a concentrate for cattle, pigs and chickens.

SPECIFICATION RBD PALM KERNEL OIL

Profat	**21% Min**
Moisture	**12% Min**