

Hydrogenated Palm Kernel Oil

Combined Product Specification · Food & cosmetic grade · Revision date: 8th June 2026



PRODUCT

Solid, creamy-white vegetable fat from oil palm kernel

GRADE

Dual food & cosmetic grade · neutral scent

MELT POINT

Clean melt at approx. 35°C; solid at room temperature

USE

Confectionery coatings, bakery fats, soap, body butter & balms

1 Product Overview

- Yolli hydrogenated palm kernel oil (HPKO) is a high-performance solid vegetable fat derived from the oil palm kernel, repacked in Britain for confectionery, bakery, soap-making and skincare manufacture.
- It presents as a creamy-white, solid-but-soft fat at room temperature with a bland, neutral scent, and melts cleanly at approximately 35°C — ideal for enrobing, compound chocolate coatings, and as a stable base for body butters, balms and lotions.
- Its neutral colour and odour make it an excellent carrier for flavours and fragrances, giving confectionery a smooth set and snap and cosmetic formulations a firm, stable structure.
- Supplied in a 400g resealable tub for crafters, formulators and small producers, with larger trade quantities available on request.

2 Composition

Ingredient	Source	Origin
Fully hydrogenated palm kernel oil	Palm kernel, refined	Malaysia / Indonesia
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Ingredient declaration: Fully Hydrogenated Palm Kernel Oil, Palm Kernel Oil. A blend of fully hydrogenated and refined palm kernel oil — 100% vegetable fat, no additives, preservatives, antioxidants, colours or flavours added.

3 General Characteristics

Property	Specification
Appearance	Solid, off-white to creamy-white fat; smooth, plastic solid at room temperature.
Aroma	Bland and neutral; free from rancid or foreign odours.
Taste	Fatty and neutral; free from rancid or foreign flavours.
Melting behaviour	Melts cleanly at approximately 35°C; remains solid at ambient UK temperatures.
Country of packing	United Kingdom.
Storage	Store in cool, dry, ambient conditions away from strong light. Avoid storing near strong flavours and odours. No refrigeration required.
Shelf life	52 weeks (12 months) from manufacture, “Best Before End”, in unopened, correctly stored packaging.
Suitable for freezing	No.
GMO status	Contains no genetically modified organisms or GMO derivatives.
Irradiation	Contains no irradiated materials.

4 Physical & Chemical Standards

Parameter	Unit	Target
Free fatty acids (as oleic acid)	%	0.1 max
Peroxide value	meq/kg	1.0 max
Colour (Lovibond 5.25" cell)	Red	1.5 max

5 Nutritional Information

Average values per 100g (as sold).

Per 100g	Value	Per 100g	Value
Energy	3696 kJ / 899 kcal	Fibre	0 g
Fat	99.9 g	Carbohydrate	0 g
of which saturates	95 g	of which sugars	0 g
Protein	0 g	Salt	0 g

Microbiological status: This product does not support microbial growth. Owing to its very low water activity, routine microbiological limits are not applied; the fat is produced under HACCP and prerequisite food-safety controls.

6 Allergen Information

Item	Status
14 declarable allergens	None present. Free from cereals containing gluten, crustaceans, eggs, fish, peanuts, soya, milk, nuts, celery, mustard, sesame, sulphur dioxide / sulphites, lupin and molluscs.
Composition	Vegetable-derived (palm kernel). Contains no animal, dairy or cereal ingredients.
Additives	No additives, preservatives, antioxidants, colours, flavours or sweeteners.

7 Dietary Suitability

Dietary status	Suitable	Dietary status	Suitable
Vegetarian	Yes	Halal (certified)	Yes
Vegan	Yes	Kosher (certified)	No
Coeliac / gluten-free	Yes	Organic	No

Palm sustainability: The product is not currently certified under the RSPO sustainability scheme. **GMO & irradiation:** contains no genetically modified organisms or GMO derivatives, and no irradiated materials.

8 Foreign-Body & Integrity Controls

Control	Specification
Intrinsic foreign bodies	None accepted — rejected if any present.
Metal detection	Ferrous 2.5 mm · Non-ferrous 3 mm · Stainless steel 3 mm.
Sieving	50 µm mesh.

9 Pack Options & SKUs

Code	Pack format	Net weight	Best for
HPKO(1Pk)	Clear, food-safe resealable tub	400 g	Crafters, confectioners, soap & skincare formulators

Note: The retail SKU is **HPKO(1Pk)** (400g tub). Multi-pack and bulk trade quantities are available on request. Volatile retail pricing is held on the live store, not in this specification.

10 Supporting Compliance Documentation

The following documentation is held on file for this product and is available to trade customers on request. Supplier-identifying details have been redacted.

- **Full product specification (current issue).** Sets out the composition, general characteristics, physical, chemical and nutritional parameters and the controls below; reviewed and re-issued periodically by the manufacturer’s technical function.
- **Composition & ingredient declaration.** Confirms the product is a blend of fully hydrogenated and refined palm kernel oil — 100% vegetable fat with no additives — and records the palm kernel origin.
- **Allergen statement.** Confirms none of the 14 declarable allergens are present and that the product carries no “may contain” advisory.
- **Dietary & suitability statement.** Confirms suitability for vegetarian, vegan and coeliac diets and certified Halal status.
- **GMO & irradiation statement.** Confirms the product contains no genetically modified organisms or GMO derivatives and no irradiated materials.
- **Quality & integrity controls.** Records the physical/chemical limits (FFA, peroxide value, colour), the microbiological status, and the metal-detection and sieving controls applied during manufacture.

11 Warnings & Handling

- **High-saturated-fat product.** 99.9g fat per 100g, of which 95g saturates — intended as a manufacturing fat, not for direct consumption.
- When melted for confectionery or coatings the fat becomes very hot and can cause severe burns — handle molten fat with care and keep away from children during cooking.
- Store in cool, dry, ambient conditions away from strong light, flavours and odours. The fat readily picks up strong aromas if stored alongside them.
- Cosmetic-grade uses (soap, balms, lotions): carry out your own stability and skin-safety assessment for the finished formulation.
- Spilt or melted fat is slippery — clean promptly to avoid slip hazards.

Note: This specification has been compiled from Yolli's live product data and the supporting supplier product specification. Supplier-identifying details (manufacturer, distributor, sites, product and document references and signatories) have been redacted; full unredacted documentation can be made available under confidentiality where required. Customers should conduct their own application trials to determine suitability for their specific purposes.

Related products: Pair with Yolli confectionery ingredients — see the relevant Yolli specifications.