

SELINA

Oils & Fats - Oleoresins - Oleochemicals - Petrolatum - Waxes

No. 2 Impex Road - off Heidelberg Road - PO Box 86182 - City Deep - Johannesburg 2049
Tel: +27 11 6131030 Fax: +27 11 6131045

1. PRODUCT DESCRIPTION

| | |
|--------------------|---|
| Description | A hard fat with off-white to creamish colour having a firm but pliable consistency |
| Composition | A blend of refined, bleached deodorized oil and fats (palm fruit and palm seed) and other ingredients including water, salt, emulsifiers, preservatives (sodium benzoate), beta-carotene, citric acid, butter flavour and antioxidants. |
| Application | This product is suitable for use in the industrial & food service applications. It is specifically designed as a laminate in the puff pastry manufacturing process. |
| Appearance | A hard fat with off-white to creamish colour |
| Odor | buttery odour |
| Taste | Typical non-offensive buttery taste, free from off flavours |

2. PRODUCT INGREDIENTS

| |
|---|
| Pure vegetable fats and oils: (Palm Oil [Interesterified Fat, Palm Fruit and Palm Seed]), moisture (16% max), salt (1% Sodium Chloride), emulsifiers (mono-diglycerides E 471), sunflower lecithin (E322), preservative (sodium benzoate E211), citric acid (E330), butter flavour, Beta-Carotene (e160a), antioxidants BHA (E320) |
| Free from hydrogenated fats |
| ALLERGENS: None |
| Produced in South Africa |

3. MASS/VOLUME

| Container Configuration | Range (Unit) Nett Mass | Pallet Configuration |
|--------------------------------|-------------------------------|-----------------------------|
| 10 x 2.5kg | 25.0– 25.5kg | 42 cartons /pallet |
| 4kg block | 4.00 – 4.05kg | 240 blocks/pallet |

4. COMPLIANCE TO ENDORSEMENT STANDARDS

| | |
|------------------|-----|
| Halaal | Yes |
| Kosher (Milchik) | Yes |
| Vegetarian | Yes |

5. PACKAGING AND SHELF LIFE

| | |
|----------------------|---|
| Packaging Material | 10 x 2.5kg slabs wrapped with plastic inner liner protected by an outer corrugated carton (25kg). 240 blocks x 4kg wrapped wrapped with plastic inner liner protected by an outer corrugated carton. |
| Shelf life | 12 months from date of production |
| Label/Coding details | Best before date (dd/mm/yyyy), Batch Number (BN), Line no., Site Identification, time. |

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6. ANALYTICAL SPECIFICATIONS

| CRITERIA | SPECIFICATIONS | |
|----------------------------------|---|--------------|
| | Min | Max |
| % Moisture | 15 | 16 |
| Salt (%) | 0.8 | 1.0 |
| % Free Fatty Acid (FFA) as oleic | n/a | 0.15 |
| Peroxide Value (meq/kg) | n/a | 4 |
| Flavour (Oil) | Bland – typical of high quality vegetable oil | |
| ADDITIONAL INFORMATION | | |
| Solid Fat Content | ±44 - 46@ 20°C | 15 - 25@35°C |
| Slip melting point | 44 – 48 °C | |
| pH | 3 | 6 |
| Sodium Benzoate | 0.04 | 0.10 |

7. MICROBIOLOGICAL SPECIFICATIONS

| | |
|--------------------------|------------|
| Total Microbial Activity | <100 CFU/g |
| Yeasts & Moulds | <10 CFU/g |
| Coliforms | <10 CFU/g |
| E.Coli | Neg |

8. ALLERGEN INFORMATION

| Product Contains: | Yes | No | Product Contains: | Yes | No |
|------------------------------------|-----|----|--------------------------|-----|----|
| Animal Fats & by-products | | x | Soya Oil and by-products | | x |
| Milk or Milk-Products | | x | Added sugar | | x |
| Gelatin | | x | Lactose | | x |
| Egg or Egg-products | | x | Sodium glutamate (MSG) | | x |
| Fish or fish by-products | | x | Tartrazine | | x |
| Preservatives (sodium benzoate) | x | | Antioxidants | x | |
| Peanuts or by-products | | x | | | |

9. STORAGE

Product can be stored at temperatures between 16-22°C and should be tempered and used between 22-25°C . The product must be stored in a clean, cool dry area free of odours.



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10. TRANSPORTATION

Product can be transported at temperatures between 16-22°C.

The transport vehicle or container must be clean, odor-free, and vermin-free; and **must not be transported with non-food products.**

11. LEGAL COMPLIANCE

The products manufactured or packed by Willowton Group, Pietermaritzburg comply with the following regulations as described by the Department of Health, Directorate: Food Control as well as International Food Regulations and Guidelines:

- Food, Cosmetics & Disinfectants Act of 1972 (Act #54 of 1972)
- General hygiene requirements for food premises and transport of food: R962
- Regulations relating to edible fats & oils: R1316
- Regulations relating to maximum limits for pesticide residues present in foodstuffs: R 246
- Regulations relating to metals in foodstuffs: R500
- Regulations relating to preservatives & antioxidants in foodstuffs: R1295
- Regulations governing tolerances for fungus-producing toxins in foodstuffs (Mycotoxins): R1145
- FAO/WHO Food Standards: Codex Alimentarius Official standards
- Regulations relating to the Labeling & Advertising of foodstuffs: R 429
- Trade & Metrology Act No.: 77 of 1973
- R127 of 17 February 2011 - Regulation relating to *Trans-Fats* in Foodstuffs
- Regulations relating to metals in foodstuffs: R500
- Regulations relating to Food Grade Salt: R184.
- Regulations governing Microbiological Standards for Foodstuffs and related matter: R706
- Regulations governing emulsifiers, stabilisers and thickeners: R1145
- Regulations relating to food colourants R1055