

Guideline

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Organization: Nutreco Feed : Livestock Feed : Europe and Central Asia : Great Britain : Trouw Nutrition Great Britain EN_1744	Process: 08. Quality; 19. Inbound Logistics	

These guidelines shall apply to all suppliers to Frank Wright Limited trading as Trouw Nutrition GB (TNGB) & apply independently from the agreed terms of delivery. They will form part of the Product Quality Agreement (PQA), unless otherwise agreed.

The supplier shall deliver the goods in accordance with these guidelines. Where applicable, these guidelines must be forwarded to your chosen haulier(s).

I. TNGB Packaging Requirements

All packaging materials must be suitable for feed/food contact and must utilize only food-grade inks for any printing.

For Small Bags and Boxes requirements please refer to Annex I.

For Big Bags requirements please refer to Annex II.

In the event of non-conformity, we reserve the right to reject pallets or entire deliveries that do not comply with these requirements. Any costs, delays, or disruptions resulting from such non-compliance may be attributed to the supplier.

II. TNGB Pallet Requirements

1. Pallets shall comply with ISPM 15 regulations, if requested.
2. Pallets must be heat treated and not fumigated with methyl bromide.
3. Acceptable pallet sizes are 800mm x 1200mm (Euro pallet) or 1000mm x 1200mm (standard pallet), unless otherwise agreed in writing.
4. Only pallets with 4-way forklift entry are acceptable.
5. Forklift openings must be larger than 102 mm.
6. Pallets must be of sufficient quality to be safely stored in a conventional pallet racking system.
7. Materials must not overhang beyond the pallet dimensions; pallet size is the maximum stackable footprint in length and width.

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8. No mixed pallets are allowed. Each pallet must contain only one product, batch number, and production date unless prior written agreement is obtained. In such cases, the pallet must be clearly labeled as a 'MIXED PALLET' with item code/description, quantity, weight per bag, and expiry date for each batch.
9. Pallets must be shrink-wrapped with a protective hood secured on top by shrink-wrap.
10. Pallets must include a water-resistant protective sheet or barrier between the wooden pallet and the product to prevent moisture and foreign body contamination (e.g., wood fragments, debris).
11. Primary and outer packaging must be clean, intact, and suitable for use - free from dust, debris, product residues, pest activity, or any damage that could compromise integrity. Pallets must also be free from spillage, dirt, or other contamination, and no material should be exposed.
12. All goods must be delivered on pallets unless otherwise agreed between suppliers and TNGB Purchasers/Supply Chain.
13. Plastic pallets are not permitted.
14. Plywood pallets are not permitted.

III. TNGB Labelling Requirements

Classification (if applicable) according to Regulation (EC) No. 1272/2008 as amended

1. All single packages are labelled. Unlabelled/plain packaging (without any identification) will not be accepted.
2. There must be a pallet label detailing the name of the product, batch number, quantity & expiry date.
3. Where applicable, the label must contain the legal information required for animal feed products in the country of destination, including following information (in local language):
 - a. Product name
 - b. Net weight
 - c. Lot / batch number
 - d. Production date
 - e. Expiry date (there must be a minimum of 6 months remaining at point of receipt unless you have prior written agreement) *
 - f. Manufacturer / country of origin
 - g. UN code / ADR classification / ADR symbol (only applicable for ADR materials)
 - h. Sanitary approval number (if applicable)
4. Label must comply with the following regulations, as applicable:
 - a. Regulation 767/2009 as amended for feed materials or compound feed
 - b. Regulation 68/2013 as amended on the Catalogue of feed materials (Commission regulation 2017/1017 for GB; Commission regulation 68/2013 as amended for the EU)
 - c. Regulation 1831/2003 as amended for feed additives & premixtures (including the Register of Feed Additives permitted for GB)
 - d. Regulation 1333/2008 as amended for food additives
5. If best before date, manufacture date & batch number are not on the label then these MUST be on-pack & will be checked at intake.

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6. The on-pack declaration must be displayed on the side of the bag (not on the bottom or top) as this can interfere with our on-site barcode application.
7. All required symbols according to EC 1272/2008 as amended (GHS / ADR / MP) need to be indicated on the (packaging / pallet) labels & conform to related Material Safety Data Sheet.

**We operate a strict first-in first-out (FIFO) policy. Products must be supplied in order of manufacture unless you have prior written agreement from TNGB.*

Annex I

1. Small bags / boxes

- 1.1. Goods must be delivered in bags or boxes that sufficiently protect the product throughout its shelf life. Packaging must be appropriate to ensure the material remains properly sealed and uncontaminated during handling and storage.
- 1.2. Polypropylene bags are only accepted if they do not raffle when cut (e.g., glued or coated PP).
- 1.3. Bags must not have valve closures.
- 1.4. Maximum bag or box weight is 25 kg (pack weight).
- 1.5. Maximum weight per pallet is 1300 kilograms gross (including the material).
- 1.6. Maximum height including pallet is 1,600 mm.
- 1.7. ADR materials must be packed in approved ADR bags or boxes.
- 1.8. Only virgin materials shall be used for packaging.

Annex II

1. Big bags

- 1.1. Big bag type classification based on Minimum Ignition Energy (MIE) of dust:
 - 1.1.1. MIE $\geq$ 5 mJ: Type B big bag
 - 1.1.2. MIE < 5 mJ: Type C big bag
- 1.2. The big bag type must be clearly indicated on the big bag.
- 1.3. Liners shall contain anti-static additives approved for use in the food industry.
- 1.4. Liners in big bags must meet the following specifications:

FIBC	Inner Liner		
	Type L1	Type L2	Type L3
Type A	Permissible	Permissible	Permissible
Type B	Not permissible	Permissible	Permissible
Type C	Permissible	Permissible	Not permissible

- Type L1 inner liners are made from materials with surface resistivity on at least one surface of less than 10 M Ω & a breakdown voltage through the material of less than 4 kV.
- Type L2 inner liners are made from materials with surface resistivity on at least one surface between 1 G Ω & 1 T Ω & a breakdown voltage through the material of less than 4 kV.
- Type L3 inner liners are made from materials with surface resistivity of greater than 1 T Ω & a breakdown voltage through the material of less than 4 kV.

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1.5. Big bags with separate liners will only be accepted if:

- Liner thickness is between 60 and 100 μ m.
- Dust seams are sewn.
- Liners meet one of the following types based on surface resistivity and breakdown voltage:
 - o **Type L1:** Surface resistivity on at least one surface less than 10 M Ω and breakdown voltage through the material less than 4 kV.
 - o **Type L2:** Surface resistivity on at least one surface between 1 G Ω and 1 T Ω and breakdown voltage through the material less than 4 kV.
 - o **Type L3:** Surface resistivity greater than 1 T Ω and breakdown voltage through the material less than 4 kV.
- Liners are securely attached to the outer bag to prevent tipping out with the material. This can be achieved by stitching the liner into the side seams, gluing to the sides, tabbing at the top, or fastening in the top and bottom corners of the bag.
- The liner must be pre-shaped. Bottle-shaped liners (shaped only at the top, not at the bottom) are acceptable. Liners must not be sealed at the bottom. Preference is given to pre-shaped liners stitched into the side seams of the big bag.

1.6. Virgin materials must be used.

1.7. Maximum outer dimensions of the big bag are 1,000 mm x 1,000 mm.

1.8. Maximum height of the big bag, including loops, is 2,000 mm. Any exceptions must be agreed in writing prior to delivery. *Fat Concentrate maximum accepted limit is 2,350mm including the loops.

1.9. Maximum weight per big bag is 1 metric ton (1,000 kg). Any exceptions must be agreed in writing prior to delivery.

1.10. The bottom discharge spout must measure $\varnothing$ 400 mm x 600 mm in length, unless otherwise agreed in writing.

1.11. The spout must be lockable and closable within 200 mm of the bottom of the big bag. Typically, empty spouts are swan-necked and secured with tape ties.

1.12. The upper side of the big bag shall have four lifting loops, one positioned at each corner, each with a free length of 250 mm.

1.13. ADR materials need to be packed in approved ADR big bags that are marked & approved according to UN regulations.

1.14. **Marking of Big Bags:**

In accordance with EN ISO 21898, big bags must feature durable markings, either as a label or printed directly on the bag, including the following information:

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- Name and address of the supplier or repacking company.
- Type of construction by the supplier, applicable to a specific type of big bag.
- Name and address of the distributor, if applicable.
- Safe Working Load (SWL) in kilograms.
- Safety factor (e.g., 5:1, 6:1, or 8:1).
- Reference to the relevant standard.
- Type of big bag (e.g., heavy-duty reusable, standard-duty reusable).
- Certificate of construction number, including month and year of certification.
- Name of the testing house.
- Date of production of the big bag.
- Pictographs indicating recommended handling procedures.
- Special handling instructions as per section 3, m7 of EN ISO 21898.
- If the big bag is certified for a specific product, a description of that product.

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