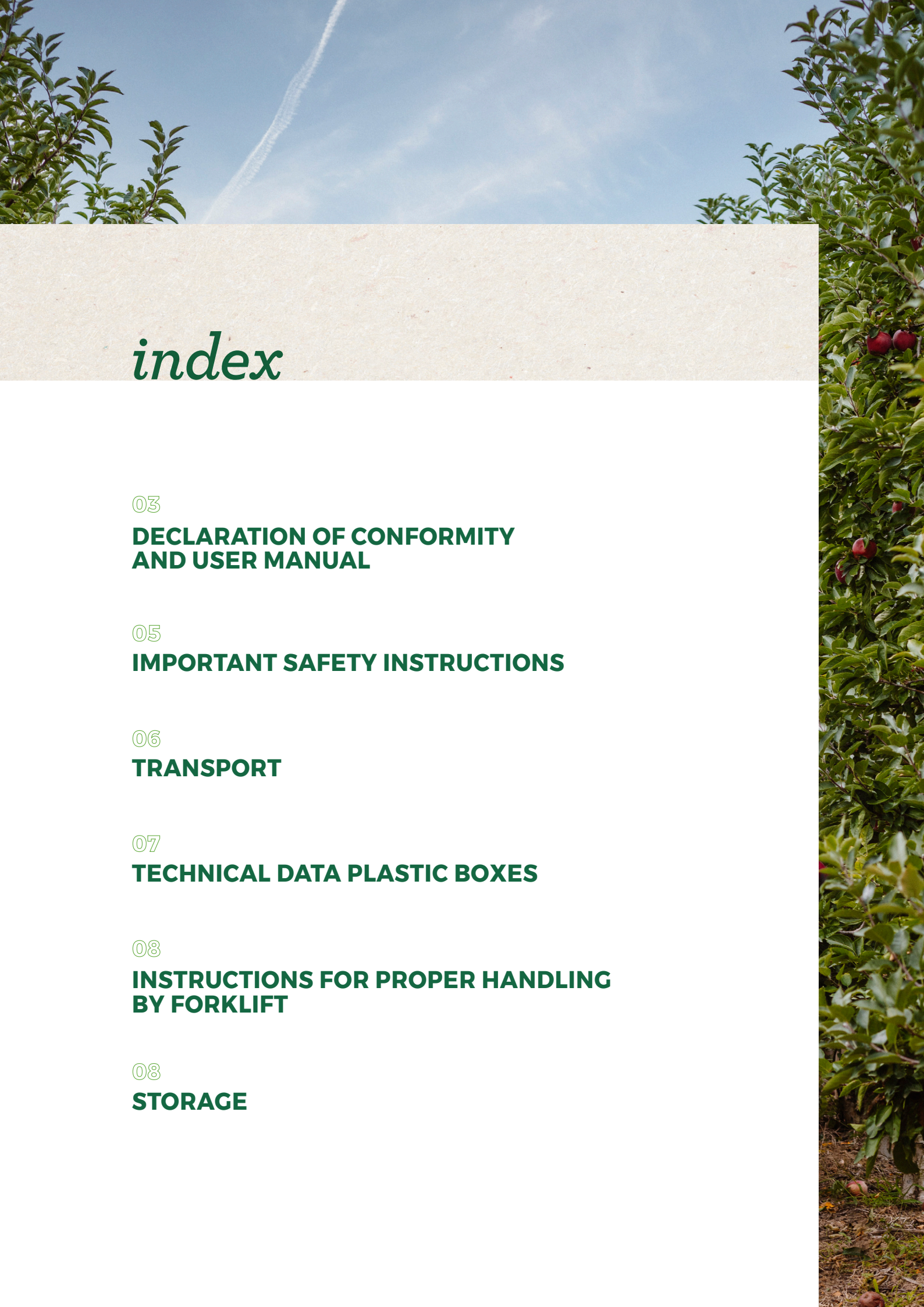




USER MANUAL



palbox
PLASTICS



index

03

**DECLARATION OF CONFORMITY
AND USER MANUAL**

05

IMPORTANT SAFETY INSTRUCTIONS

06

TRANSPORT

07

TECHNICAL DATA PLASTIC BOXES

08

**INSTRUCTIONS FOR PROPER HANDLING
BY FORKLIFT**

08

STORAGE

DECLARATION OF CONFORMITY AND USER MANUAL



1. We confirm that our Palbox Plastics boxes made from HDPE with the 'food safe' mark meet the legal requirements of (EU) 10/2011 and regulation (EU) 1935/2004 as amended. The overall migration and specific migrations, when used in accordance with the specification, are below the legal limit stated in regulation (EU) 10/2011. The materials used in these boxes comply with regulation (EU) 10/2011, (EU) 1282/2011, (EU) 1183/1012, (EU) 2023/2006.

2. These boxes are safe to use for transporting and storing food in direct contact. We ensure that the levels of polycyclic aromatic hydrocarbons, MOAH, MOSH, and any other substances with restrictions (SML/QM) listed in Regulation 10/2011 comply with the legal requirements of the Consumer Goods Ordinance and Regulation (EU) 1935/2004.

3. These boxes are made of HDPE or PP and do not contain any ingredients that are restricted for food use. They do not use a functional plastic barrier.

4. The manufacturer's information (raw material manufacturer) is the source of data. The migration data comply with EU accepted regulations with test samples.

5. After being tested under standard simulation A, B, and D2, with 6 months at room temperature including heating up for 2 hours at 70°C or 15 minutes at 100°C, no legal limits were exceeded with non-fatty food (according to tests with water, acid and 10% ethanol) or all types of fatty food. For boxes with sponge rubber seals that contain food, please refer to the Food Contact declarations of the raw material manufacturers for details/restrictions of conformity.

6. When using the boxes, please read the operating instructions. The boxes are for filling, transporting, and stacking/storing goods. The stacking and working loads are indicative and apply only to use in cold stores at ambient temperatures below 5°C. The stacking load depends on many factors of the product as well as on ambient conditions. Therefore, each user must check the stack load under their real conditions and adapt it to the individual case before use.

7. HDPE is subject to material-specific degradation when exposed to temperature and UV radiation. Palbox Plastics logistics boxes are stabilized against this degradation. Please check the box stability after exposure to more than 600 kly of radiation for safety-relevant applications.





9. The information on stacking loads and working loads applies to use on level ground with a slope less than 0.5‰. For uneven ground, the loads and stacking heights must be reduced.

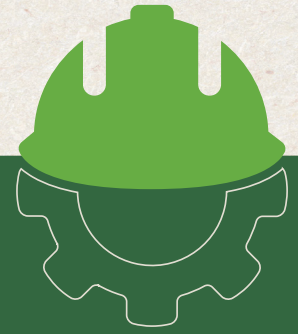
10. The boxes made of HDPE are insulating materials and can generate static charges, which can discharge abruptly. Stacking heights over 1 meter are only permitted with boxes that are not older than 8 years from the delivery date.

11. When using the boxes as ADR containers, the approval is valid for a maximum of 5 years from the delivery date.

12. It is not allowed to store any objects on the lid, and snow and ice loads must be removed before using the box, especially before opening the lid.

13. The containers should not be used in EX areas as plastic boxes can generate static charges. Using aggressive or solvent-based cleaning agents is not allowed, and high-pressure cleaning equipment should be used with caution. The box should not be worn or used in violation of corresponding legal regulations. Changes or manipulations to components without the manufacturer's consent are not permitted and will void warranties and guarantees. The total weight of the filled box must not exceed the maximum permissible weight marked on the box or stated in the manufacturer's instructions. The box should not be filled with hot ash, substances with a maximum temperature above 45 °C, or regulated waste materials such as paint, varnish residues, and medicines. The lid must not be overloaded or left open as this can cause damage. This list is not exhaustive but highlights frequently observed situations.

IMPORTANT SAFETY INSTRUCTIONS



Always place the boxes on a level and firm surface. Do not put them on sloping terrain.



If the boxes have wheels, make sure to activate the braking systems when they are stationary, especially on sloping terrain.



Do not climb, sit, or stand on the box as it may result in injury or damage.



Do not overload the boxes to avoid tipping over and causing harm. Please see the maximum load in the technical datas in the product sheet of the respective box you want to use.



Keep the boxes away from heat sources.



Do not fill hot substances, particularly ash, into the box if their temperature is above 45°C.

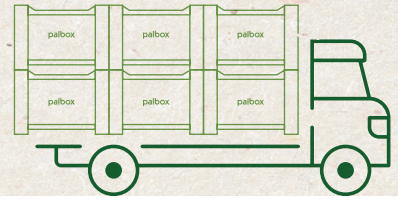


Be aware that HDPE, the material used to make the boxes, can generate static charges, which may discharge suddenly.



The boxes have been designed and manufactured in accordance with the current European regulations on ergonomics and safety at work. They do not have sharp corners or edges and are produced using optimized processes to minimize hazards to workers.

TRANSPORT



It is important to ensure that the plastic boxes are properly secured during transport to prevent them from moving or falling off. The use of appropriate restraints and strapping should be employed to prevent shifting or tipping of the boxes. Additionally, it is important to follow any applicable transportation regulations and guidelines for load securing. Failure to properly secure the boxes during transport could result in accidents, damage to property, or injury to people.

These are the references to regulations mentioned above:

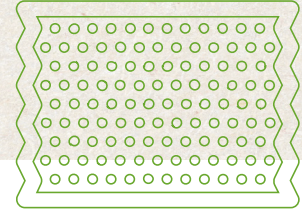
- **89/391 EEC EU Occupational Health and Safety Framework Directive**
- **89/655 EEC EU Work Equipment Directive**
- **AM-VO Work Equipment Ordinance**
- **AWG Waste Management Act**
- **Waste Treatment Obligation Ordinance**
- **ASchG Employee Protection Act**
- **AAV General Employee Protection Ordinance**
- **V Construction waste Ordinance**
- **VEXAT Ordinance on explosive atmospheres**

It is important to follow the recommendations for repair and testing of Palbox Plastics' plastic boxes to ensure their safety and longevity. Only original spare parts from Palbox Plastics should be used for repairs, and regular condition checks should be carried out by competent persons to comply with relevant regulations.

Before each use, the entire box with all movable and immovable attachments, lid mounting parts, and braking systems must be checked for safe condition. Damaged boxes and add-on parts must be replaced immediately. After no more than 8 years of outdoor use, plastic boxes should be checked for UV damage and replaced if damaged. It is important to note that repairs to boxes may only be carried out by specialist companies, and stacking more than 2 boxes should not involve welding measures for safety reasons. Damaged plastic boxes must not be used for storage and transport, and broken boxes should be taken to a recycling center to be recycled.

By following these guidelines, you can help ensure the safety and longevity of Palbox Plastics' plastic boxes while also contributing to sustainable waste management.

TECHNICAL DATA PLASTIC BOXES



To summarize, the technical data for Palbox Plastics' plastic boxes includes:



- The boxes are made of HDPE plastic that is dimensionally stable, impact and rot resistant, weatherproof, and UV stable for minimum 8 years.
- The plastic is also resistant to frost, heat, and chemicals, and is 100% recyclable.
- The self-ignition temperature of the HDPE is above 348°C, and burning with sufficient oxygen does not produce any harmful or environmentally hazardous pollutants.
- The plastic has a building material class of B2 according to DIN 4102, a UL 94 rating of HB according to Underwriters Laboratories, an oxygen index of approximately 17% O₂, and a FMVSS 302 and DIN 75200 rating of greater than or equal to 1mm.

INSTRUCTIONS FOR PROPER HANDLING BY FORKLIFT



To summarize the instructions for proper handling:

1. Position the forklift forks against or next to the feet or skids of the box to reduce the risk of movement or tipping over.
2. Tilt the load towards the operator during transport by forklift to prevent falling.
3. Avoid pressing the boxes against vertical surfaces to prevent damage.
4. Do not exceed the height of the mast for safety reasons.
5. Do not let the forklift fork protrude beyond the box when loading.



STORAGE

To minimize the risk of accidents caused by stacks of boxes toppling over, they should preferably be stacked on level ground. Uneven surfaces should be avoided. It is important to ensure that all containers are stacked properly to prevent destabilization of the stack and the maximum stacking load is not exceeded.



Palbox Spa

Via Brennero/Brennerstr. 11/13
39044 Egna/Neumarkt (BZ) | Italy
T. +39 0471 81 23 11
palbox@palbox.it

Palbox Plastic Container GmbH

Inter City Park
2421 Kittsee | Austria
T. +43 021 43 30 011
info@palbox.at

Palbox France Sas

16 Rue du Pont Noir
26700 Pierrelatte | France
T. +33 (0)4 75 04 84 99
info@palbox.fr

www.palbox.it

