

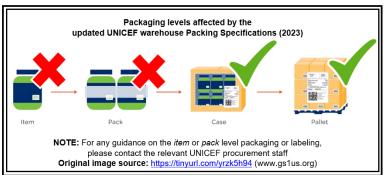
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## 1. Scope

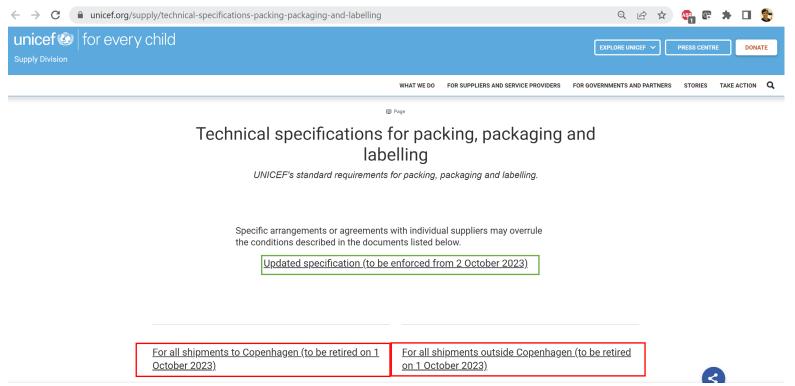
- Updated Packing Specifications roll-out in 2023
  - New Supplier Packing requirements for inbound POs from Supplier to SD WH, Hubs and COs
  - Applicable to all Supply Division managed POs
  - Applicable to all Cases and Pallets
  - Not Applicable to Sales Unit packaging





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# 2. Availability of Specifications-



## 3. Impact on all Suppliers

- No material change in Case or Pallet requirements from the previous specification.
- More stringent requirements in terms of the use of recyclable strapping, corner boards, edge protectors and top caps.
- More material handling requirements in terms of monitoring for Water Exposure, Dust and Mold
- Updated Packing List requirements with additional mandatory details
- Suppliers must now provide GS1 compliant labels
- SSCC, GTIN, CONTENT are now MANDATORY fields for all Medicines, Medical Devices and IT equipment and remain optional for all other material categories
- UNICEF Material Description is now MANDATORY for all Cases and Pallets.

	UNICEF Packing	Specification		ging, Palletization and Labelling		
H	nicef	Version	Date	Status		
ui	IICCI 🥦	R2	April 2023	REVIEW DRAFT		
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### 4. What is GS1?

- Non-Profit Global Standards Organization
- Established in 2005
- Known primarily for providing barcode specifications and standards.
- Maintains a database of unique product identifier numbers (GTIN)
  - GS1 barcodes/GTINs are necessary for most online and traditional retailers including Amazon, eBay, Alibaba, Google, Carrefour, Tesco and Walmart
  - Cost for registration is ~\$30 USD / unique product (plus annual renewal)
- Local offices in 116 countries
- 2 million user companies
- GS1 barcodes are scanned 6 billion times / day
- Source: https://packagingeurope.com/news/the-barcode-turns-50-and-is-about-to-change-our-lives-
- Source: https://www.gs1.org/standards/get-barcodes
- Source: https://www.gs1.org/about



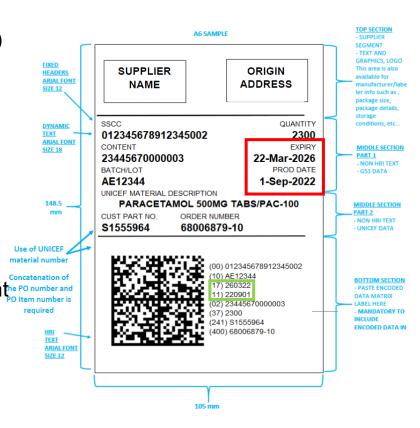
GS1 Company Prefix Pricing					
Number of items needing a barcode/GTIN**	Initial fee	Annual renewal fee			
1 GS1 US GTIN	\$30	None			
10	\$250	\$50			
100	\$750	\$150			
1,000	\$2,500	\$500			
10,000	\$6,500	\$1,300			
100,000	\$10,500	\$2,100			
GS1 Company Prefix including U.S. FDA NDC Labeler Code.	\$2,100	\$2,100			

Source: https://www.gs1us.org/upcs-barcodes-prefixes/how-

to-get-a-upc-barcode

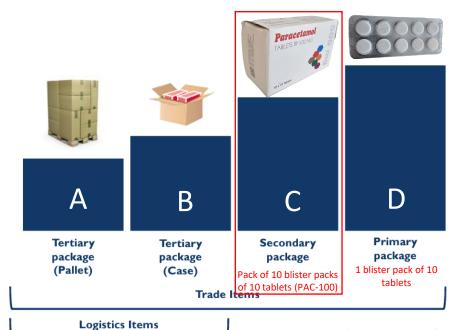
### 5a. The Labels

- MANDATORY for all Cases (A7) and Pallets (A6)
- Harmonization with international standards
  - USAID Global Health Supply Chain Program released standards in August 2023
- Downstream traceability
- Compliance with future regulatory requirements
  - Inclusion of Global Trade Item (GTIN), serial and batch numbers, production and expiry dates are recommended as mandatory for all Medicines, Medical Devices and IT equipment to Concatenation of Medicines.
- Use of single 2D DataMatrix
- Change/Clarification in Date Formatting (Human readable vs encoded)



### 5b. The Labels

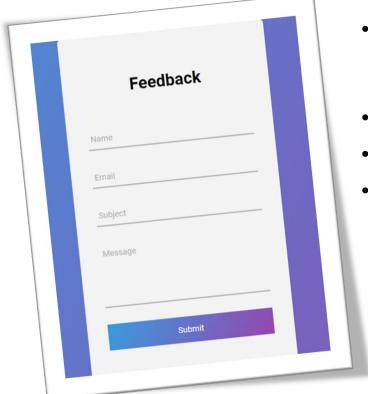
### Different packaging levels require different GTINs





GTINs used on UNICEF logistics labels must be the same unit of measure (UoM) as the UNICEF Material Number (ie; typically the Sales Unit)

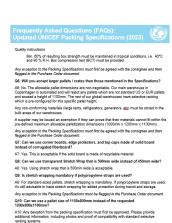
## 6. Feedback and Support Mechanisms



- <u>PackingSpec@unicef.org</u> email established where all concerned stakeholders can file a complaint, comment or provide feedback.
- Accurate logging of complaints and actions taken
- KPI of one week for the team to reply.
- FAQ doc developed.







Any exception to the Packing Specifications must be flagged in the Purchase Order document

Q11: Can we continue using PET strapping instead of polypropylene strapping for pallets?

A11: No. This is not compliant with our Packing Specifications. Any rework will incur fees

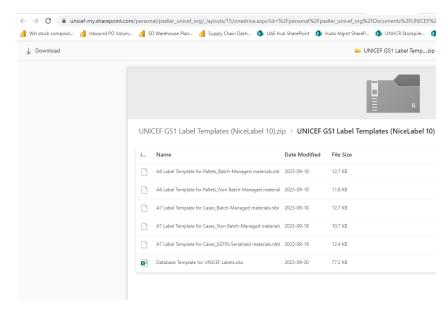
Strengthening UNICEF's Supply Chain through Packing Specification

## 7. Pre-Approval and Penalties

- Suppliers shoud submit label samples before packing and shipping.
- Financial penalties for non compliance are listed on UNICEF's Website
  - Same costs retained.
- Label templates provided.







## 8. Pre-Approval and Penalties

Table 1. GS1 Application Identifiers to be used on UNICEF labels						
GS1 Al	GS1 Description (Click hyperlink)	Format	UNICEF Label Data Title Text	UNICEF Labelling requirement	UNICEF usage	Which UNICEF Labels?
00	Serial Shipping Container Code (SSCC)	N2+N18	SSCC	Mandatory for Medicines, Medical <u>Devices</u> and IT equipment.     Optional for all other products	GS1 compliance	PALLET, CASE1,
01	Global Trade Item Number (GTIN)	N2+N14	GTIN	Mandatory for Medicines, Medical Devices and IT equipment.     Optional for all other products	GS1 compliance	SALES UNIT ONLY
02	Global Trade Item Number (GTIN) of contained trade items	N2+N14	CONTENT	Mandatory for Medicines, Medical Revices and IT equipment.     Optional for all other products	GS1 compliance	PALLET, CASE1, CASE2
10	Batch or lot number	N2+X20	BATCH/LOT	Mandatory for Batch Managed Materials     Not required for all other products     Maximum of 10 characters allowed	Traceability of batch managed goods	PALLET, CASE1, CASE2
11	Production date (YYMMDD)	N2+N6	PROD DATE	Mandatory for Batch Managed Materials     Not required for all other products	Traceability of batch managed goods	PALLET, CASE1, CASE2
17	Expiration date (YYMMDD)	N2+N6	EXPIRY	Mandatory for Batch Managed Materials     Not required for all other products	Traceability of batch managed goods	PALLET, CASE1, CASE2
21	Serial number	N2+X20	SERIAL NUMBER	Mandatory for Medicines, Medical Devices and IT equipment.     Optional for all other products	Traceability	CASE2
37	Count of trade items or trade item pieces contained in a logistic unit	N2+N8	QUANTITY	Mandatory for all goods     Supplier to use the quantity based on the UNICEF Unit of Measure from the PO	Traceability	PALLET, CASE1, CASE2
241	Customer part number	N3+X30	CUST PART NO.	Mandatory for all goods     Supplier to use the UNICEF material number from the PO	Traceability	PALLET, CASE1, CASE2
400	Customers purchase order number	N3+X30	ORDER NUMBER	Mandatory for all goods,     the PO number and PO Item number must be concatenated together and encoded: "68XXXXXX-XXX"	Traceability	PALLET, CASE1, CASE2
N/A	N/A	X40	UNICEF MATERIAL DESCRIPTION	Mandatory for all goods     Supplier to use same wording as used in the UNICEF PO	Traceability	PALLET, CASE1, CASE2

#### **UNICEF Re-work fees**

Re-work undertaken	Cost in USD	Details
Palletization of 40' container	\$4,500	The cost of palletization includes: wooden pallets, plastic wrapping, pallet labels, moving container from
Palletization of 20' container	\$2,600	UNICEF, moving pallets back to UNICEF, and labour. Additional costs may be incurred if storage/demurrage is accrued during the palletization period and will be invoiced separately.
Repalletization per pallet	\$120	The cost of repalletization includes wooden pallets, plastic wrapping, pallet labels and labour.
Repacking of cartons per carton	\$50	The cost of repacking includes cardboard cartons, strapping tape, carton label and labour.
Wrapping or rewrapping of the pallet	\$25	The cost of wrapping includes removal of the loose plastic foil, disposal of the waste and wrapping with the new plastic foil.
Missing or incorrect labels - per label	\$10	The cost per pallet would be USD 20 to

https://www.unicef.org/supply/technical-specifications-packing-packaging-and-labelling

### 9. Conclusion

- Updates will be enforced for all POs placed after 02 October 2023
- Full adaptation is expected by June 2024
- Full GS1 implementation for all Suppliers to be further explored at a later date.





