TIC TAC PACKAGING

Technical dossier

COMPLIANCE DATA SHEET

Product group	HS code	Origin
Lid paper hot/cold cup	4823691000	CN

DoC valid until **2028-10-14**

Issued 2026-10-14

01 PRODUCT SPECIFICATIONS

Product group · Lid paper hot/cold cup



Base Information	
Article No	5722080-U1
Description	Lid paper 8oz Ø80 hole (50/1000) Kraft DPE 6/18/42
GSM	300

Pallet Information	
Qty Cartons	Ht incl. pallet
6 ctn / Layer	—
18 ctn / low pall	1.08 m
42 ctn / full pall	2.32 m

Packaging Information

Pcs		Inner pack mm		Carton mm		Weight kg		Codes	
Pcs/pac	50	L	—	L	425	Net/ctn	4.20	Barcode ctn	17340162009597
Pcs/ctn	1000	W	—	W	345	Ctn wt	0.5	Barcode inner	7340162009590
		H	—	H	325	Gross/ctn	4.70		
				cbm/ctn	0.0477	Pack wt	0.21		

02 REGULATION COMPLIANCE

Applicable regulations & certificates

Regulation	Official title	Application date
EC 1935/2004	Regulation (EC) No 1935/2004 of the European Parliament and of the Council on materials and articles intended to come into contact with food	2004-12-03
EC 2023/2006	Commission Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food	2008-08-01
EU 10/2011	Commission Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food	2011-05-01
EU 2024/3190	Commission Regulation (EU) 2024/3190 of 19 December 2024 on the use of bisphenol A (BPA) and other hazardous bisphenols in food contact materials, amending Regulation (EU) No 10/2011	2025-01-20
§30-31 LFGB · BfR XXXVI	German Food and Feed Code (LFGB) Sections 30 and 31, with BfR Recommendation XXXVI on paper and board for food contact	2005-09-07
EU 2015/863 (RoHS)	Commission Delegated Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU as regards the list of restricted substances	2019-07-22
GB 4806.14-2023	GB 4806.14-2023 National food safety standard — Inks for food contact materials and articles	2024-09-06
EC 1907/2006 (REACH)	Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)	2007-06-01
EU 2025/40 (PPWR)	Regulation (EU) 2025/40 of the European Parliament and of the Council on packaging and packaging waste	2026-08-12
EU 2023/1115 (EUDR)	Regulation (EU) 2023/1115 on the making available on the Union market and the export from the Union of certain commodities and products associated with deforestation and forest degradation	2026-12-30

03 MATERIAL COMPOSITION

3 component(s)

#	Category	Material	Fraction	% w/w	Food contact
1	**Paper**	Cardboard	Cardboard	**93%**	**Yes**
2	**Plastic**	Plastic LDPE - Low Density Polyethylene	Flexible plastic	**7%**	**Yes**
3	**Ink**	Water-based Printing Ink	Printing ink	**—**	**Exterior only**

04 FOOD CONTACT MATERIALS (FCM)

Scope

- EC 1935/2004 · BfR XXXVI (paper) · EU 10/2011 (plastic only) — field scope
- Values = supplier-entered data; not a legal declaration

Intended use — test conditions (food simulant / temperature / duration / overall migration category)

#	Purpose	Food simulant (EU 10/2011)	Temp (°C)	Duration	Overall migration (OM) test condition
1	Intended use / sensory	**distilled_water** · Distilled water	**—**	—	**NA** · Not applicable (non-plastic / not EU 10/2011 OM)
2	—	**B** · 3% acetic acid	**100**	1h	**OM4** · 1 h at 100 °C
3	—	**A** · 10% ethanol	**100**	1h	**OM4** · 1 h at 100 °C
4	—	**95% ethanol** · Simulant 95% ethanol	**60**	3h	—
5	—	**iso-octane** · Simulant iso-octane	**60**	1h	—

Thermal range · appliance safety · simulants (migration)

Min °C	Max °C	Microwave	Oven	Freezer	Simulants used
60	**100**	**OK**	—	—	**distilled_water** · Distilled water **B** · 3% acetic acid **A** · 10% ethanol **95% ethanol** · Simulant 95% ethanol **iso-octane** · Simulant iso-octane

BfR Recommendation XXXVI — paper & board (chemical analysis)

Test item	Result	Test item	Result
Sensory (Odour & Taste)	**PASS**	Primary Aromatic Amines	**PASS**

BfR XXXVI paper/board package covered by group FCM evidence (Paper cup PE FCM.pdf and related paper-group reports).

BfR / LFGB measured results (from lab report)

Parameter	Measured	Limit	Unit	Method	Result
Sensory (odour & taste)	0	2.5	—	DIN 10955: 2004-06	**PASS**
Primary aromatic amines	LT 0.1 mg/kg	ND	—	Liquid Chromatograph Mass Spectrometer	**PASS**

Plastic FCM — migration & sensory declarations (EU 10/2011 · LFGB · BfR)

Requirement	Result
Sensory (Odour & Taste)	**PASS**
Overall Migration (EU 10/2011)	**PASS**
Specific Migration — Heavy Metals	**PASS**
Bisphenols content (EU 10/2011 · 2024/3190)	**PASS**

Report: Paper cup PE FCM.pdf — PE food-contact lining migration / sensory package. Bisphenols content (EU 10/2011 · 2024/3190): PASS per Bureau Veritas (3226)147-0097 (2026-06-02), component Brown paper cup; all listed bisphenols <0.001 mg/kg, limit not detected (<0.001). Subcontracted item; report marked for internal reference.

Substance declarations

PFAS Free	No IAS	REACH SVHC < 0.1%
YES	**YES**	**YES**

Printing ink compliance

Requirement	Result
Water-based Ink — EU RoHS (EU) 2015/863	PASS
Food-contact Inks — GB 4806.14-2023	PASS

Exterior water-based ink; compliance flags as recorded. Non-food-contact print surface only.

Overall migration (OML) — EU 10/2011

Measured	Limit	Unit	Declared pass	Measured / limit (%)	Remark
LT 5 mg/dm²	10 mg/dm²	mg/dm²	YES	%	PE lining migration screen; see Paper cup PE FCM.pdf

Specific migration limits (SML)

Substance	Measured	Limit	Unit	Pass
Heavy metals (EU 10/2011)	LT 0.01 mg/kg	1 mg/kg	—	PASS
Bisphenols (EU 10/2011 · 2024/3190)	LT 0.001 mg/kg	0.001 mg/kg	—	PASS

05 PACKAGING & PACKAGING WASTE (PPWR)

EU Regulation 2025/40

Covered by group-level PPWR deliverables

Packaging type	PG-116
EU DoC (Annex VIII)	Not yet issued for this product group
Technical documentation (Annex VII)	Annex VII technical file · Product group 116

Recyclability — PPWR Art. 6(1) / EN 13430

Requirement	Assessment standard	Result
Art. 6(1) — packaging shall be recyclable (from 12 Aug 2026; transitional path)	EN 13430:2004	PASS

PPWR Art. 6(1) (applicable from 12 Aug 2026): packaging shall be recyclable. Until design-for-recycling criteria under Art. 6(2)(a) / delegated acts apply, recyclability is demonstrated against EN 13430:2004 (packaging recoverable by material recycling). Category-specific A/B/C performance grades apply from 2030.

Performance grade foresight (A/B/C — mandatory from 2030)

Grade	Mono-material
B	YES

Packaging minimisation

Criterion	Met
Weight Optimised	YES
No Unnecessary Layers	YES
Double Wall Justified	YES

Substance restrictions

Parameter	Detected	Limit	Method	Result	Remark
Heavy metals sum (Pb+Cd+Hg+Cr VI)	ND	100 mg/kg	—	PASS	PPWR Art. 5(4)
Individual non-polymeric PFAS (max)	—	25 ppb	Targeted PFAS (GC-MS/LC-MS-MS)	—	Art. 5(5)
Sum of non-polymeric PFAS	ND	250 µg/kg	EN 17681-1:2025	PASS	

Parameter	Detected	Limit	Method	Result	Remark
					Report (3226)237-0221, Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd, 2026-09-01
PFAS Art. 5(5) compliant (declaration)	–	–	EN 14582:2016 (total fluorine screening)	YES	25 ppb / 250 ppb / 50 ppm

Upcoming requirements — phased application under PPWR (EU) 2025/40

Requirement	Applies from
Empty Space Ratio (%)	2030-01
Compostability (Art. 9)	2028-02
Labeling & Marking (Art. 12)	2028-08
Recycled Content (Art. 7)	2030-01

These obligations are not yet applicable at the date of issue; documentation will be provided as they enter into application.

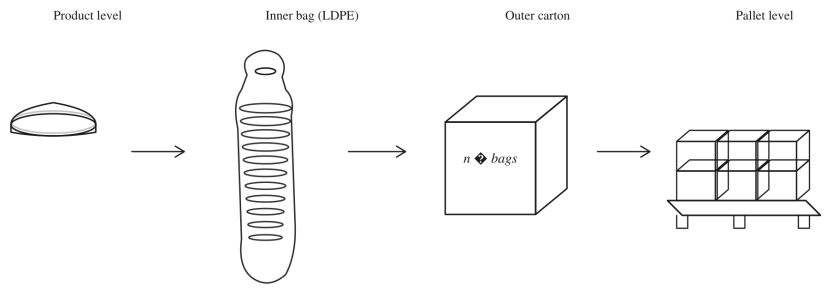
06 EPR PACKAGING HIERARCHY –

Packaging and intended use

Food-contact single-use product; packed in LDPE inner bag with label, outer carton sealed with tape; palletised with stretch wrap for shipment.

Schematic, not to scale and not a dimensioned manufacturing drawing; the product level is drawn as an exemplar. Bag counts, carton multiples and pallet loads shown are illustrative only and do not represent actual SKU quantities — for reference to understand the packaging system.

PACKAGING HIERARCHY — schematic



The figure shows how unit, bag, carton and pallet relate. Counts printed in the drawing are examples only — not the quantities for this product group.

Type	Units	Sorting	Material	Weight (kg)	Colour	Recyclability
Product	1 pcs	Recycling	Cardboard	0.0039	–	B
Product	1 pcs	Recycling	Plastic LDPE - Low Density Polyethylene	0.0003	–	B
Product	1 pcs	Recycling	Water-based Printing Ink	0.0000	–	B
Primary	50 bag	Recycling	Plastic LDPE - Low Density Polyethylene	0.0200	Natural / translucent	A
Primary	1 label	Recycling	Paper / PP label	–	Multicolour print	Not assessed
Secondary	1000 crt	Recycling	Cardboard	0.4770	Brown (kraft)	A
Secondary	1000 crt	Recycling	Tape — BOPP · Acrylic PSA (1:1)	0.0052	Transparent	Not recyclable
Tertiary	42000 pl	Recycling	Wood	15.0000	Natural wood	Reusable
Tertiary	42000 pl	Recycling	Plastic LLDPE - Linear Low Density Polyethylene	0.1299	Transparent	A

07 TRACEABILITY & DUE DILIGENCE (EUDR)

EU Deforestation Regulation

Product group level (order-specific traceability is per shipment)

HS code (classification)	Commodity type	EUDR relevant (product record)
4823699000	Paper/Pulp	YES

EUDR support available
YES

Product group name and origin are in the document header. Due diligence and batch claims are documented per order.

Issuing organisation

ZIP Trading Overseas AB

Killinggränd 13, SE-175 45 Järfälla,
www.ziptrading.biz

Authorised signature

Kevin.Xiang

Kevin Xiang

Compliance Manager