

13.01.2015

DECLARATION OF CONFORMITY

FOR : processed and/or packed food of AKO The Spice Company! packed in bags less than 20 kg
(laminated film, rigid films, side-and bottom sealed)

Below please find in parts and extracts the declaration of conformity which we obtained from our supplier of the a.m. packaging material.

Our supplier confirmed us:

- BRC/IoP Global Hygiene Standard for packaging and other packaging materials
→ You will find the most recent certificate on our webpage
→ A hygiene-, cleaning- and pest control concept is implemented. The production of our packaging materials is effected according to the preconditions of the (good manufacturing practice, GMP) Regulation 2023/2006/EC, especially concerning the detection of potential hazards, evaluation of risks in connection with those and a system to govern recognized hazards (chemical, physical and microbiological risks according to HACCP) for the usage with foodstuffs. → No pathogenic germs, other germs or mildew (< 50 KBE/ 100cm²)!
- „(Deutsches) Lebensmittel- und Futtermittelgesetzbuch“ (§ 64 LFGB), especially §§ 30 and 31
- (foodstuffs law) Regulation 178/2002/EC
- (packaging and packaging waste) Directive 94/62/EC, including (modification-) Directives 2004/12/EC and 2005/20/EC →no heavy metals cadmium (Cd), lead (Pb), mercury (HG) and hexavalent chromium (Cr⁶⁺) (limit value < 100 ppm)
- “Verpackungs-Verordnung” (VerpackV), including (modification-) ordinance 5
- **(REACH)** Regulation **1907/2006/EC** including European Chemicals Agency (ECHA) candidate list valid at the time → no substances of very high concern (SVHC) (limit value < 0,1 mass percent)
- (materials in contact with foodstuffs/ framework) Regulation **1935/2004/EC**, especially article 18.
→ Traceability is ensured due to labels with our corporate letterhead and our charge number in relation with the carton-/ roll number!
- (traceability and labeling of genetically modified organisms/ GVO-) Regulations 1829/2003/EC and (not subject to) 1830/2003/EC as well as Directive 2003/89/EC (allergens)
→ no ingredients subject to labeling (limit value < 0,5%)
- (recycled plastic-) ordinance 282/2008/EC

→ Triclosan TCC CAS no. 03380-34-5
 → Please pay attention to the declarations according to the following asterisks and according to the substance listing (information provided by our suppliers):

- Butylbenzyl-phthalat = butylbenzyl phthalate		BBP	CAS no. 00085-68-7
- Diethylhexylphthalat = di(2-ethylhexyl) phthalate	in PP **	DEHP	CAS no. 00117-81-7
- Diisobutylphthalat = di-iso-decyl phthalate	in PP **	DIBP	CAS no. 00084-69-5
- Di-n-butylphthalat = di-butyl phthalate	in PP **	D(N)BP	CAS no. 00084-74-2
- Diethylphthalat = diethyl phthalate	in PP **	DEP	CAS no. 00084-66-2
- Ethyl-isobutylphthalat	in PP **		CAS no.
- Di-isodecylphthalat = di-iso-decyl phthalate		DIDP	CAS no. 26761-40-0 and CAS no. 68515-49-1
- Diisononylphthalat = di-isononyl		DINP	CAS no. 28553-12-0 and CAS no. 68515-48-0
- Bis(2-methoxyethyl)phthalate = phthalate di(2-methoxyethyl)		DMEP	CAS no. 00117-82-8
- Di(n-octyl)phthalat = di-n-octyl phthalate		DNOP	CAS no. 00117-84-0
- Phthalsäureester = dipentyl phthalate		DPEP	CAS no. 00131-18-0

** Diisobutylphthalate (DIBP) is a minor component of a catalyzer system used for the production of the base polymers of **PP-Films (CPP, OPP)**.

Di-n-butyl-phthalate (DNBP) is a contamination of DIBP. DIBP reacts in the production process and converts into Di-ethylphthalat (DEP) and Ethyl-isobutylphthalate. Examinations revealed residue levels of phthalates which did not exceed 25 ppm. Supposing a quantitative migration into the foodstuffs a residue level of 25 ppm (0,0025%) in a 100 µm film equals to a content of 0,13 mg/kg foodstuffs *. Furthermore the manufacturer of the raw materials concerned carried out examination with foodstuffs simulants with the result that phthalates with a limit value of 0.02 ppm were not detectable. Or:

** For the polymerization of the PP-raw materials catalyzer system are used which do contain small amounts of those phthalates. That may lead to traces of those phthalates resp. their contaminations existing in the raw materials, in general in concentrations under 1 ppm and not more than 10-15 ppm (according to declarations of the suppliers of the raw materials).

Conformity was determined by:

- Examinations of the migration and residual content according to (migrations-) Directive 82/711/EWG, including (modification-) Directive 93/8/EC and 97/48/EC as well as (simulants-) Directive 85/572/EWG, including (modification-) Directive 2007/19/EC and 2008/39/EC
The legal limit values of global migration (GM) and specific migration be complied with the following storage and test conditions.
- suppliers confirmations and/ or calculations

- (plastic-) Regulation (EC) No **10/2011** including (modification-) Regulation (EC) No 1183/2012
- „Bedarfsgegenstände-Verordnung“ (BedGgstV), including (modification-) Regulation 17
- Swiss Ordinance of the EDI on Foodstuffs and Commodities of 23. November 2005 (status of 01. January 2009) = unprinted!
- Specifications of the respectively relevant recommendations of “Bundesinstitutes für Risikobewertung” (**BfR**) part A (e.g. III for polyethylene, VII for polypropylene, X for polyamide)
- → Enamels and coatings conform to the Europe Euro resolution AP(2004)1 and the FDA 21 CFR.
- → **EuPIA**-guideline for printing inks not intended to come in direct contact with foodstuffs, April 2008, and the excluding list for raw materials for printing inks, October 2007 (issued by: CEPE Conseil European de L’Industrie des Peintures, of the Encres d’Imprimerie et des Couleurs d’Art, Brussels
 - The must not be direct contact between printing ink and foodstuffs!
 - UV-curing printing inks are not used resp. our packaging materials are free of photoinitiators from the TDI groups in terms of benzophenone (BP), 4-Hydroxybenzophenone, 4-Methylbenzophenone (4-MBP), 2,2-Dimethoxy-2-phenylacetophenone and Isopropylthioxanthone (ITX)!
 - Opinion delivered by our suppliers on nanoparticles / nanotechnology in printing inks and printing auxiliaries: „Pigments, filler and polymer dispersions are constitutional components of printing inks. The size of the particles embedded in the printing ink matrix is in the range between 0.01 and 5 µm. This is the range of the large nano- and the smaller submicroparticles. These particles are entirely coated by the binders for printing inks. Due to that fact dust particles do not get released neither during the processing nor from the printed printing ink which possibly could get inhaled. In regard of nanoparticles the content of nanoparticles in printing inks- and coatings is of no importance for the risk analysis of packaging and other printed products. This information is based on the current state of our knowledge and experience. “
- → The glues used meet in their composition the specifications of FDA 21 CFR § 175.105 as well as the recommendation XXVIII of the BfR. The completely cured glue meets the specifications of the guideline 2002/27/EC including the above mentioned change directive saying that the content of primary aromatic amines in foodstuffs shall be beyond the detection limit value of 0,01 mg/kg foodstuffs (expressed as aniline).
- → Starch-flour not containing wheat or gluten components resp. powder made of (a mixture of) tapioca- and/ or potato-based starches are used for specific types of packaging materials and neither contain allergens (listed in Directive 2003/89/EC, Annex IIIa) nor genetically modified organisms and are for that reason appropriate for the usage in foodstuffs.

- According to suppliers confirmations the following substances are not used intentionally either:

→ Bisphenol A	BPA	CAS no. 00080-05-7
→ Bisphenol S	BPS	CAS no. 00080-09-1
→ Chloralkane C10-13 = Alkanes, C10-13, chloro	SCCP	CAS no. 85535-84-8
→ Fumarsäuredimethylester as Biozid (Dimethylfumarat/	DMF	CAS no. 00624-49-7
→ Hexabromcyclododecan = hexabromocyclododecane	HBCDD	CAS no. 25637-99-4 and CAS no. 03194-55-6
→ Parabene		
→ 4,4'-Diamino-diphenyl-methan = 4,4'-Diaminodiphenylmethane	MDA	CAS no. 00101-77-9
→ Polybromierte Diphenylether = ethers diphenyliques polybromes	PBDE	
- Penta BDE		CAS no. 32534-81-9
- Octa BDE		CAS no. 32536-52-0
- Deca BDE		CAS no. 01163-19-5
→ Polyvinylchlorid	PVC	CAS no. 09002-86-2
→ Polyzyklische aromatische Kohlenwasserstoffe, especial Benzo[a]pyren	PAK	CAS no. 00050-32-8

Specification for intended usage or limitations:

- Types of foodstuffs intended to come in contact with the material:

dry	e. g. spices
watery	e. g. fresh meat
sour	e. g. sour preserves
fatty	e. g. sausages and meat products

- Types of foodstuffs not intended to come in contact with the material:

- Foodstuffs which demand a contact temperature of > 95° Celsius!
- See details in our technical data sheets (specifications).
- Poly flat bags are visible for contact with all foodstuffs < 40° Celsius such as:

# 11303	PLL300	400 x 600 mm	extremely tear resistant
# 11309	PLL650	500 x 800 mm	extremely tear resistant
# 11339	PLL650	400 x 600 mm	extremely tear resistant
# 11349	PLL650	500 x 1.000 mm	extremely tear resistant
# 11405	PLL550	400 x 800 mm	extremely tear resistant

- Duration and temperature of processing and storage with contact with foodstuffs:

10 days at 40° Celsius tested

- Relation of surface in contact with foodstuffs to the volume according to with conformity with the material was determined:

6 dm² film per 1 kg foodstuffs

Kindly note that we do not undertake any guaranty for the data given below.