



YUUKI Company, s.r.o.  
Křižanská 1  
460 10 Liberec

YOUR REF.: 30.1.2019  
DATE: SZÚ 470/2019  
OUR REF.: CTZB 187- 470/19-40  
EX 190153  
PROCESSED BY: RNDr. M. Rucki, PhD.  
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DATE: 6.3.2019

Subject: **EXPERT OPINION on the health safety of box for cleaning the menstrual cups.**

**SUBJECT OF THE REQUEST:**

Our decision regarding your request from 30.1.2019 on evaluation of the health safety of infuser box made for cleaning menstrual cup in microwave oven under Act No. 102/2001 Sb., as amended, on General Product Safety is as follows:

**SAMPLES PROVIDED: 1) Box for cleaning the menstrual cup (infuser box),  
material: polypropylen**

**Manufacturer: YUUKI Company, s.r.o., Křižanská 1, 460 10 Liberec**

**DOCUMENTATION PROVIDED:**

Specification of the product provided in the request from 30.1.2019

**TESTING PREFORMED:**

Chemical analyses (presence of primary aromatic amines under ČSN 621156, total migration in the water solution measured under ČSN 621156, volume of reducing substances in the water solution under ČSN 621156) were carried out in Test Laboratories no 1206, certified by the Czech Accreditation Institute, in the Centre of Toxicology and Health Safety (CTZB).

The analyses were carried out in the extent of the Methodological Guidelines of the National Institute of Public Health (SZÚ) No. 1/2000 on evaluation of products in direct contact with the human body by skin or by mucosa (AHM No. 3/2000).

The provided samples were used for the above analyses.

**EXPERT OPINION:**

The subject of the assessment was the analysis of possible undesirable effects of the material in contact with skin.

The presence of primary aromatic amines in the samples are below the detection limits.

The values of total migration in the water solution of the samples are below the limit for a safe product.

The volume of reducing substances in the water solution of the samples is also below the limit for a safe product.

**CONCLUSION:**

Based on the assessment of the provided documentation, chemical analysis and cytotoxicity assay, the decision was reached that the product Infuser box for cleaning the menstrual cups is safe for human health when in contact with skin. The results of the performed chemical analyses and cytotoxicity assays confirm health safety under Act No. 102/2001 Sb., as amended, on General Product Safety.

This statement applies is valid only for the provided samples and the conclusions drawn from their evaluation can only be applied on like products, whose content and properties correspond entirely to thus evaluated samples.

**NATIONAL INSTITUTE OF  
PUBLIC HEALTH  
Centre of Toxicology  
and Health Safety  
for Cosmetics  
Šrobárova 48, 100 42 Praha 10**

MUDr. Dagmar Jírova, CSc.  
Director of the Centre of Toxicology  
and Health Safety

**ATTACHEMENTS:**

Chemical Analyses Protocol no. CTZB 187-470/19-40

**CHEMICAL ANALYSES PROTOCOL**

**National Reference Centre for Cosmetics**  
National Institute of Public Health Prague, Centre of Toxicology and Health  
Safety Šrobárova 48, 100 42 Prague 10

**Contracting Entity:** YUUKI Company, s.r.o., Křižanská 1, 460 10 Liberec**Protocol Number:** CTZB 187-470/19-40**Date of the test:** 25.2.-27.2.2019**Sample description:** 1) Infuser box for cleaning the menstrual cup - polypropylen**Manufacturer:** YUUKI Company, s.r.o., Křižanská 1, 460 10 Liberec**CHEMICAL ANALYSES****Measured parameters:**Determination of primary aromatic amine

Solution: 37 °C ± 2 °C, 24 h., 100 cm<sup>2</sup> in 100 ml, (2g to 100 ml – for foaming material), method according to CSN 62 1156  
device: VARIAN CARY 1E

Volume of reducing substances in the water solution

solution: 37 °C ± 2 °C, 24 h., 8 g in 100 ml, method according to CSN 62 1156

Total migration in the water solution

solution: 37 °C ± 2 °C, 24 h., 100 sq cm in 100 ml, method according to CSN 62 1156

**Results of the tests:**

sample no.: 1) Infuser box for cleaning the menstrual cup - polypropylen				
test	value measured	unit	unit	limit
<b>chemical analyses</b>				
Primary aromatic amine	<0,03*	mg.l <sup>-1</sup>	±15%	0,05
reducing substances in the water solution	1,0	ml KMnO <sub>4</sub> (c = 3.10 <sup>-3</sup> mol.l <sup>-1</sup> ).50ml <sup>-1</sup>	± 18%	30
total migration in the water solution	0,4	mg.dm <sup>-2</sup>	± 12%	10

\*values are lower than limits set for quantification

Chemical analyses were carried out in the extent of the Methodological Guidelines of the SZÚ no. 1/2000 on evaluation of products in direct contact with the human body by skin or by mucosa (AHM č. 3/2000).

**Date: 28.2.2019**

**Test performed by: RNDr. Marián Rucki, PhD.**

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