

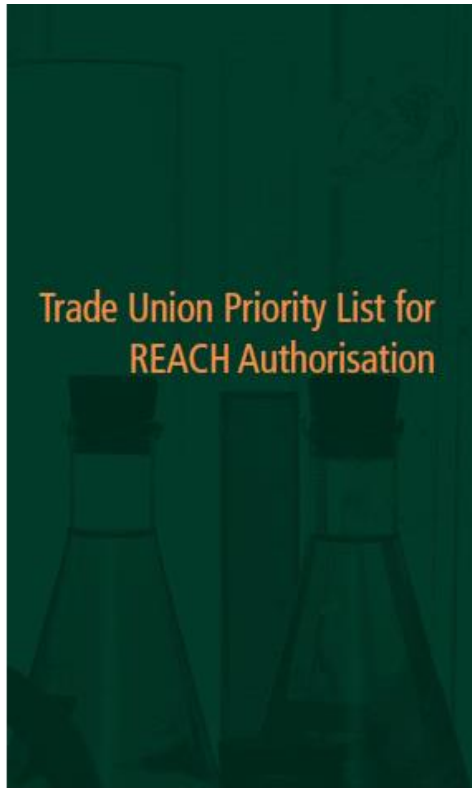
Trade Union actions to phase out BPA

Tony Musu, Angeles Balué and Maria Puri Moran

Substitution workshop on alternatives to BPA in thermal paper

Brussels, 26 March 2019

Trade Union Priority List for REACH Authorisation



- 568 high production volume chemicals, widely used at work & linked to occupational diseases
- aim is to phase them out from the market and replace them with safer alternatives
- 39 out of 43 SVHCs included in the Authorisation List were already on the TU list beforehand
- the TU list is available on line:
<https://www.etuc.org/fr/node/5408>

for REACH Authorisation



etui.
european trade union institute



■ Version 2.0, June 2010
With main uses indicated in each entry

CONFEDERATION
**SYNDICAT
EUROPÉEN
TRADE UNION**

BPA listing & regulation

- ❑ June 2010 : inclusion in Trade Union Priority List (Reprotox + EDC)
- ❑ January 2011 : EU ban in baby bottles
- ❑ January 2015: TDI lowered by EFSA from 50 to 4 µg/kg bw per day
- ❑ December 2016: inclusion in REACH Annex XVII (restriction in thermal paper – 0.02% from Jan 2020)
- ❑ Jan & July 2017: inclusion in REACH Candidate List (Reprotox + EDC for human)
- ❑ Jan 2018 : inclusion in REACH Candidate List (EDC for envi)

Study by the University of Granada on BPA & BPS

<https://www.researchgate.net/publication/329868556> Determination of bisphenol A and bisphenol S concentrations and assessment of estrogen- and anti-androgen-

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Determination of bisphenol A and bisphenol S concentrations and assessment of estrogen- and anti-androgen-like activities in thermal paper receipts from Brazil, France, and Spain



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Study by the University of Granada on BPA & BPS

Aim: assessment of BPA, BPS and BPF in 112 thermal paper receipts (France, Spain, Brazil)

Results:

- BPA present in 95.3% of receipts from Spain
 - BPA present in 90.9 % of receipts from Brazil
 - BPA present in 51.1 % of receipts in France
- } up to 20.27 mg/g of paper
- Estrogenic activity observed in all samples from Brazil and Spain (74.5% in France)
 - Anti-androgenic activity observed in > 90% of samples from Brazil and Spain (53.2% in France)
 - Only 25.5% of French samples negative for both estrogenic and anti-androgenic activity
 - BPA still dominates the thermal paper market in Brazil and Spain & BPS appears to be one of the main alternatives in France
 - Urgent need to evaluate safety of alternatives to replace BPA

Trade union action in Spain (January 2019)



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25 de enero de 2019

TOXICIDAD TICKETS COMPRA: Tratamiento como riesgo laboral

Hace unos días apareció una noticia en prensa con el siguiente titular:

[Los tickets de la compra en los que se borra la tinta contienen sustancias que provocan cáncer e infertilidad](#)

Esta noticia hace referencia a un estudio liderado por la Universidad de Granada en el que ha participado Nicolás Olea, y en el que se detecta BPA o BPS (una alternativa que también es disruptor endocrino) en los tickets de compra de papel térmico. Creemos que, más allá de que supone un problema de salud pública, en el ámbito laboral es un tipo de exposición a la que se enfrentan, al menos, el personal de caja en comercio y hostelería, así como en el sector financiero.

El **bisfenol A**, también conocido como BPA, es un producto químico utilizado para fabricar todo tipo de plásticos policarbonatos, latas de alimentos o bebidas, **recibos de compras o extractos bancarios**, CDs e, incluso, biberones.

El BPA es un disruptor endocrino. Esto es, que imita el funcionamiento de las hormonas y puede provocar alteraciones endocrinas y metabólicas. Presente en el 90% de los tickets que puede almacenar un individuo común en casa, según un estudio de la Universidad de Granada, está incluido desde 2017 en la lista de sustancias "extremadamente preocupantes" en la UE. Es decir, un nivel de preocupación similar al de las sustancias carcinogénicas.

Un dato de interés es que **en Europa no se podrá comercializar papel térmico con una concentración de BPA igual o superior al 0,02 % en peso a partir del 2 de enero de 2020.**

<https://eur-lex.europa.eu/legal-content/ES/TXT/PDF/?uri=CELEX:32016R2235&from=EN>



Result of trade union action in Spain (March 2019)

- ❑ Commitment obtained from manufacturer to stop production of thermal paper with BPA as from 01/07/2019 (ahead of the EU restriction deadline)
- ❑ Confirmation that BPA free, Bisphenol free & Phenol free thermal papers are available on the market for more than 10 years !!

TOXICIDAD DE TICKETS DE COMPRA DE PAPEL TÉRMICO

Tratamiento como riesgo laboral

Comité de diálogo social del comercio en Europa

Bruselas 08/03/2019

Conclusions

- ❑ Trade unions are one of the driving forces to identify & phase out Substances of very high concerns like BPA
- ❑ Alternatives to BPA & Bisphenols in thermal paper are available for more than 10 years
- ❑ There is a need to speed up regulations on the use of BPA & Bisphenol alternatives in thermal paper and other products in order to reduce the exposure of workers and consumers