Rapid Alert System for dangerous non-food products

Alert number	A12/0657/17
Category	Chemical products
Risk level	Serious risk
Product user	Consumer
Product	Tattoo ink
Brand	Unknown
Name	Premium Tattoo Ink - Tomato is Red
Type / number of model	Unknown
Batch number / Barcode	production date 25/02/14
OECD Portal Category	53000000 - Beauty / Personal Care / Hygiene
Description	Set of 10 different coloured tattoo ink in 15 ml bottles.
Country of origin	China
Alert submitted by	The Netherlands
Risk type	Chemical
Risk	The product contains cadmium (measured value: 0.54 mg/kg), lead (measured value: 19.76 mg/kg) and polycyclic aromatic hydrocarbons (PAH)s, including benzo(a)pyrene (measured values: 153 ug/kg for benzo(a)pyrene; total of PAHs: 1.45 mg/kg). Cadmium accumulates in the body and can cause damage to bones and kidneys if absorbed from the tattoo and exposure to lead is harmful for human health and can cause developmental neurotoxicity. Some PAHs are carcinogenic. Benzo(a)pyrene is a carcinogenic PAH. The Council of Europe Resolution ResAP (2008)1 on requirements and criteria for the safety of tattoos and permanent make-up recommends that the levels of lead in tattoo inks do not exceed 2 mg/kg, that the level of cadmium does not exceed 0.2 mg/kg, that the level of benzo(a)pyrene (BaP) does not exceed 0.005 mg/kg and the total amount of PAHs do not exceed 0.5 mg/kg.
Measures adopted by notifying country	**Measures ordered by public authorities:** Ban on the marketing of the product and any accompanying measures
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