



Rapid Alert System for dangerous non-food products

Alert number	A12/0567/18
Category	Chemical products
Risk level	Serious risk
Product user	Consumer
Product	Tattoo ink
Brand	Dragon tattoo
Name	Deep Magenta
Type / number of model	Unknown
Batch number / Barcode	Unknown
OECD Portal Category	53000000 - Beauty / Personal Care / Hygiene
Description	Plastic container height about 10 cm
Country of origin	Unknown
Alert submitted by	Sweden
Risk type	Chemical
Technical defect	The product contains polycyclic aromatic hydrocarbons (PAH), including benzo(a)pyrene (measured value: benzo(e)pyrene: 0.02 mg/kg, total of PAHs: 1.46 mg/kg) and barium (measured value: 660 mg/kg).
Risk	Some PAHs are carcinogenic, including benzo(a)pyrene. Salts of barium can be absorbed from the tattoo ink and have toxic effects. The Council of Europe Resolution ResAP (2008) ¹ on requirements and criteria for the safety of tattoos and permanent make-up, recommends that the level of benzo(a)pyrene (BaP) does not exceed 0.005 mg/kg and the total amount of PAHs does not exceed 0.5 mg/kg. It also recommends that the level of barium not exceed 50 mg/kg. The product does not comply with national legislation.
Measures adopted by notifying country	Measures taken by economic operators: Withdrawal of the product from the market (By: Distributor)
Images	