

Rapid Alert System for dangerous non-food products

Alert number	A12/0575/18
Category	Chemical products
Risk level	Serious risk
Product user	Consumer
Product	Tattoo ink
Brand	Mbs Permanent makeup
Name	Black
Type / number of model	M501
Batch number / Barcode	A01151
OECD Portal Category	53000000 - Beauty / Personal Care / Hygiene
Description	Plastic container height about 8 cm
Country of origin	Bosnia and Herzegovina
Alert submitted by	Sweden
Risk type	Chemical
Technical defect	The product contains cadmium (0.36 mg/kg), lead (24 mg/kg) and polycyclic aromatic hydrocarbons including benzo(a)pyrene (0.08 mg/kg; total of PAHs: 20.62 mg/kg).
Risk	Cadmium accumulates in the body and can cause damage to bones and kidneys if absorbed from the tattoo. Exposure to lead is harmful for human health and can cause developmental neurotoxicity. 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 levels of lead in tattoo inks do not exceed 2 mg/kg and the levels of cadmium in tattoo inks do not exceed 0.2 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	