



Safety Gate: Rapid Alert System for dangerous non-food products

Alert number	A12/1844/19
Category	Chemical products
Type of alert	Products with serious risks
Product user	Consumer
Product	Tattoo ink
Brand	Colour King
Name	Orange
Type / number of model	Unknown
Batch number / Barcode	Unknown
OECD Portal Category	53000000 - Beauty / Personal Care / Hygiene
Description	Orange tattoo ink in a transparent plastic bottle with a dispenser cap. The product was sold online (in particular via lightinthebox.com).
Country of origin	China
Alert submitted by	Finland
Risk type	Chemical
Technical defect	The product contains 4-methyl-m-phenylenediamine (measured concentration 13mg/kg) and barium (measured concentration 5214 mg/kg).
Risk	4-methyl-m-phenylenediamine is an aromatic amines that can cause cancer, cell mutations and affect reproduction and it's also a skin sensitizing substance. Barium can have toxic effects on the body impairing muscle, kidney and heart activity, leading to arrhythmia, paralysis or gastrointestinal alterations. The Council of Europe Resolution ResAP (2008) ¹ on requirements and criteria for the safety of tattoos and permanent make-up, recommends that aromatic amines with carcinogenic, mutagenic, reprotoxic or sensitising properties shouldn't be present in tattoos and permanent make-up products and that barium does not exceed 50 mg/kg.
Measures adopted by notifying country	Notifying about the risk
Images	

image

