



Jewelry Recall Notifications-2023 report 1

Jewelry brings some beauty to human, but it may impact people’s health when containing hazardous substances. To protect public health, EU, US, Canada, UK and other countries have established special warning notification mechanism to prevent or restrict the marketing or use of products posing a serious risk to the health and safety of consumers.

70 notifications information in report 1, first quarter of 2023 on jewelry, are from Cyprus , Estonia, France, Germany, Ireland, Italy, Norway, Sweden and UK. Among the notified cases, up to 54 notifications of jewelry are from China among all those notifications. Jewelry were notified because of contains excessive amounts of cadmium , contains excessive amounts of lead and releases an excessive amount of nickel . The details are presented in the following table:

Risk	Regulation/ Standard	Notifica-tion count	Products
Contains excessive amounts of Lead .	REACH ANNEX XVII	13	Hair pin, Earrings, Rings, Pendant, Bracelet, Jewelry set
Contains excessive amounts of Cadmium .	REACH ANNEX XVII	44	Rings, Earrings, Bracelet, Ankle bracelet, Pendant, Hair pin, Waist jewelry, Brooch, jewelry set
Releases an excessive amount of Nickel .	REACH ANNEX XVII	6	Pendant, Bracelet, Earrings, jewelry set
Contains excessive amounts of Lead and contains excessive amounts of Cadmium .	REACH ANNEX XVII	5	Bracelet, Earrings, Pendant, Brooch, jewelry set
Contains excessive amounts of Lead , contains excessive amounts of Cadmium and releases an excessive amount of Nickel .	REACH ANNEX XVII	1	Bracelet, Earrings
Contains excessive amounts of Lead and releases an excessive amount of Nickel .	REACH ANNEX XVII	1	Earrings

Chemical substances exceeding the briefing .

1. Among the chemical substances involved in jewelry recalls of this quarter, the amount of recall cases involving cadmium content was the largest, as high as 71.4%, ranking first; the second was the lead, which accounted for 28.6%; the third was the nickel release, Reached 11.4%. This indicates that the problem of excessive cadmium content in products is particularly serious, and also reflects that the EU and the UK have very strong supervision on cadmium content.

2. According to the information in the summary table of notification, there are a wide variety of products with excessive cadmium content, because most jewelry products contain alloy materials, and metal is a high-risk material in the cadmium content test. REACH law requires that the limit of cadmium content in jewelry metal materials should not exceed 100ppm.

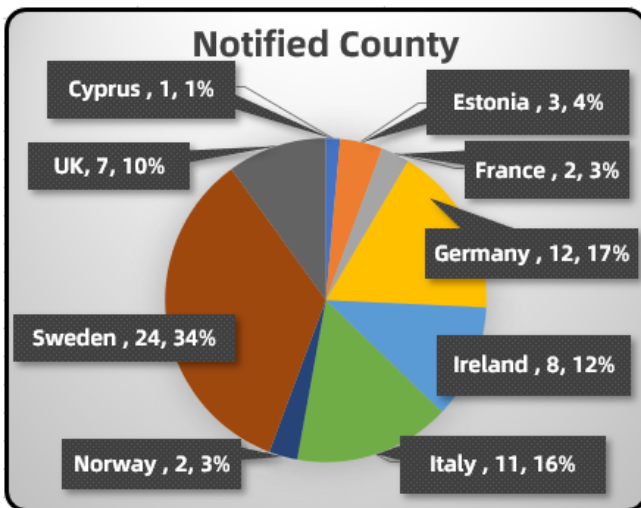


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Analysis of the causes of excessive chemical substances:

1. Most of the lead and cadmium content in the jewelry recall this quarter are alloy jewelry. And the excessive lead and cadmium content of this kind of jewelry is caused by the unqualified alloy smelting process, need more attention needs to be paid to the raw material selection of the product.
2. The metal coating is prone to excessive nickel release due to uneven electroplating technology.



In the first quarter of 2023, 70 recall notifications for imitation jewelry products,

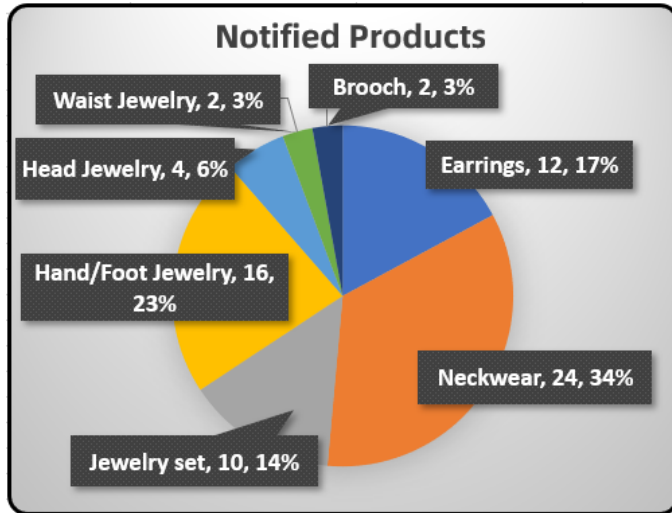
- According to the reporting country .
 - (1) Sweden notified 24 products, accounting for 34%, ranking first .
 - (2) Germany ranked second with 17%. Italy ranked third with 16 %.
 - (3) Ireland and the UK account for 12% and 10% respectively; Cyprus, Estonia, France and Norway account for 1-4% of the total.

There were 19 recalls in the fourth quarter of 2022, and the number of recalls increased to 70 in the first quarter of 2023, indicating that the jewelry market is strictly regulated and product compliance should be controlled and maintained. In the proportion of notified countries, Sweden, Germany and Italy accounted for 67%, with a total of 47 cases of recall. The market compliance supervision is strong, and accessories exported to these markets need to strengthen compliance inspection. Compared to the previous quarter, there were new recalls in Cyprus, Sweden, Italy, France and Estonia, and accessories exported to these markets are subject to compliance checks.



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In the first quarter of 2023, 70 recall notifications for imitation jewelry products,

According to product category:

(1) Neckwear were recalled at 24, accounting for 34%, ranking first.

(2) Hand/Foot Jewelry recalls accounted for 23%, ranking second.

(3) Earrings recalls accounted for 17%, ranking third.

(4) Jewelry sets and head Jewelry accounted for 14% and 6%, respectively, while brooch and waist Jewelry accounted for 3%.

The above data shows that different types of jewelry have different recall ratios. The main reasons include:

- (1) Product demand or export quantity is different.
- (2) The production materials selected by the industry for different types of products are different.
- (3) Due to structural differences, different types of products have different production processes, etc.

Based on the above, for enterprises related to artificial jewelry products, on the one hand, they need to understand the relevant laws and regulations/standard requirements of the export market countries/regions. On the other hand, they should combine recent recall data and analysis in the supply chain of product selection, processing, and mass production. Strengthen management and control efforts to ensure the safety and environmental protection of exported products.

参考网站:

<https://www.cpsc.gov/Recalls/2023/U-P-Fashion-Recalls-Childrens-Rings-Due-to-Violation-of-Federal-Lead-Content-Ban>

<https://ec.europa.eu/safety-gate-alerts/>

https://recalls-rappels.canada.ca/en/search/site?f%5B0%5D=audience%3A215&f%5B1%5D=category%3A127&f%5B2%5D=recall_type%3A255

<https://www.gov.uk/product-safety-alerts-reports-recalls?>

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饰品召回通报预警—2023年第1期

饰品的广泛使用，创造了美的同时也威胁着身体健康。为了保障消费者的合法权益，欧盟、美国、加拿大和英国等国建立了专门的预警通报机制，欧盟RAPEX系统、美国CPSC官网、加拿大Health Canada官网以及英国OPSS官网，定期公布在其境内出现的不安全产品的召回信息。此外，美国和加拿大还会对某些产品实施联合召回。

2023年第一季度（第1-12周），关于仿真首饰品的70则召回通报信息，来自欧盟多个成员国（塞浦路斯、爱沙尼亚、法国、德国、爱尔兰、意大利、挪威、瑞典）和英国。通报案例中中国出口的高达54例，涉及的通报原因为化学物质含量超标，包括铅含量超标、镉含量超标和镍释放量超标。通报详情汇总如下：

通报原因	违反法规/标准	通报数量	涉及产品
铅含量超标	REACH ANNEX XVII	13	发饰、耳饰、戒指、颈饰、手饰、饰品套装
镉含量超标	REACH ANNEX XVII	44	戒指、耳饰、手饰、足饰、颈饰、发饰、腰饰、胸针、饰品套装
镍释放量超标	REACH ANNEX XVII	6	颈饰、手饰、耳饰、饰品套装
镉、铅超标	REACH ANNEX XVII	5	手饰、耳饰、颈饰、胸针、饰品套装
镉、铅、镍释放量超标	REACH ANNEX XVII	1	手饰和耳饰
铅、镍释放量超标	REACH ANNEX XVII	1	耳饰

化学物质超标简析：

1.本季度饰品召回案例主要原因为化学物质超标，其中，镉含量超标的召回案例最多，高达71.4%，位居第一；其次为铅含量超标占比28.6%，位居第二；第三则是镍释放超标达到11.4%。说明产品中镉含量超标的问题尤为严重，也反映欧盟和英国对镉含量的监管力度非常大。

2.以上数据可得，镉含量超标的产品种类繁多，这是因为饰品产品中大多含有合金材质，而金属是镉含量测试中的高风险材料，REACH法规要求饰品金属材料镉含量其限值要求为不得超过100ppm。

化学物质超标的原因分析：

1.本季度饰品召回中铅、镉含量超标的都是合金饰品，而此类饰品造成铅镉超标是因为合金冶炼工艺不合格造成，需要多关注产品的原材料选用。

2.金属镀层易出现镍释放量超标的情况是因为电镀工艺参差不齐造成的。

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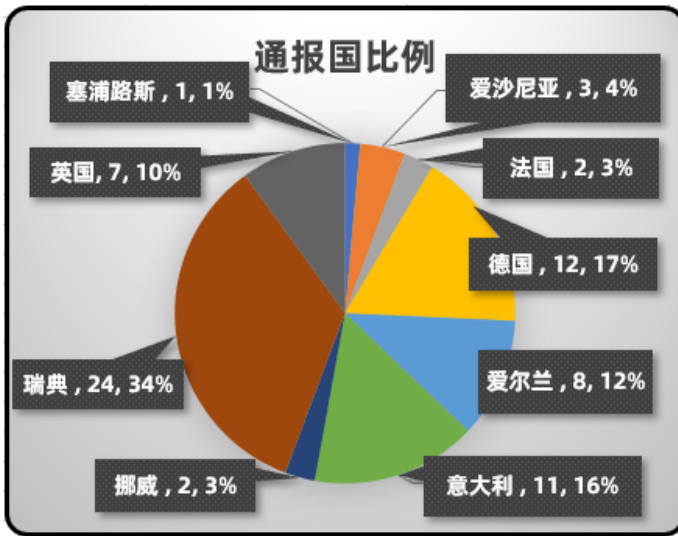
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饰品召回通报预警—2023年第1期

续:



2023年第一季度仿真首饰品的70则召回通报信息中,

• 按照通报国:

- (1) 瑞典通报产品高达24例, 占比34%, 位居第一。
- (2) 德国通报产品12例, 占比17%, 位居第二; 意大利通报产品11例, 占比16%, 位居第三。
- (3) 爱尔兰和英国通报案例占比分别为12%和10%; 爱沙尼亚、挪威、法国、塞浦路斯通报案例占比均在1%~4%之间。

数据说明: 2022年第四季度共有19则召回信息, 2023年第一季度的召回数量大幅度增加至70则, 说明了饰品市场监管力度越来越大。在通报国比例中, 瑞典、德国和意大利占比共达67%, 共有47例召回, 出口这些市场的饰品需加强合规检查。与上季度相比, 本季度新出现了塞浦路斯、瑞典、意大利、法国和爱沙尼亚的召回通报, 出口这些市场的饰品需要保持合规检查。

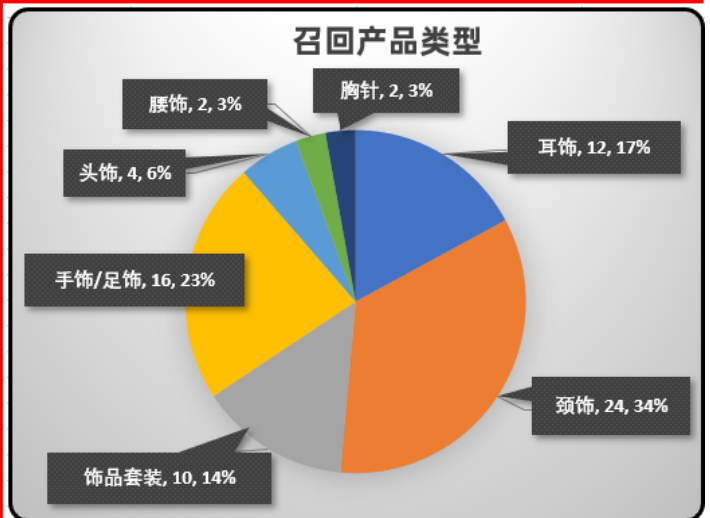
2023年第一季度仿真首饰品的70则召回通报信息中,

• 按照产品类别:

- (1) 颈饰召回共24例, 占比高达34%, 排名第一。
- (2) 手饰/足饰召回共16例, 占比为23%, 排名第二。
- (3) 耳饰召回共12例, 占比为17%, 排名第三。
- (4) 饰品套装和头饰分别占比14%和6%, 胸针和腰饰召回量均占3%。

以上数据表明, 不同类别的仿真首饰品召回比例有所不同, 主要原因包括:

- (1) 产品需求或出口数量不同;
- (2) 行业针对不同类别产品选取的生产材质不同;
- (3) 由于结构差异, 不同类别产品生产工艺不同, 等。



综合以上, 对于仿真首饰品相关企业, 一方面需要了解出口市场国家/地区的相关法规/标准要求, 另外一方面, 应结合近期召回数据及分析, 在产品选材、加工、大货生产等供应链环节加强管控力度, 保证出口产品安全环保。

参考网站:

<https://www.cpsc.gov/Recalls/2023/U-P-Fashion-Recalls-Childrens-Rings-Due-to-Violation-of-Federal-Lead-Content-Ban>

<https://ec.europa.eu/safety-gate-alerts/>

https://recalls-rappels.canada.ca/en/search/site?f%5B0%5D=audience%3A215&f%5B1%5D=category%3A127&f%5B2%5D=recall_type%3A255

<https://www.gov.uk/product-safety-alerts-reports-recalls?>

备注: 以上图片均来自以上参考网站。

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