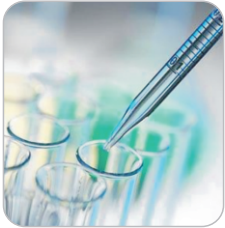


欧盟禁止在消费品中使用富马酸二甲酯(DMF) 挑战



2009年3月17日，欧盟委员会通过了《要求各成员国保证不将含有生物杀灭剂富马酸二甲酯(DMF)的产品投放市场或销售该产品的决定》(2009/251/EC)，要求自2009年5月1日起，欧盟各成员国禁止将DMF含量超过0.1 mg/kg的消费品投放或在市场上销售，已投放市场或在市场上销售的含有DMF的产品应从市场上和消费者处回收。该决定为过渡性指令，有效期截至2010年3月15号。

2008年年底，媒体报道欧洲出现多起富马酸二甲酯(DMF)引起消费者皮肤过敏和丘疹的事件，欧洲各国纷纷做出响应：

- ▶ **法国：**于2008年12月5日发布法令，在至少一年的时间内停止进口含有富马酸二甲酯的鞋类产品和沙发/扶手椅，并要求所有含DMF的产品撤架，不得在法国市场上销售。已经有多批中国产品因富马酸二甲酯含量超标被法国扣留。
- ▶ **比利时：**禁止进口和销售含富马酸二甲酯(DMF)的鞋和座椅。
- ▶ **西班牙：**禁止任何接触到皮肤的产品含有富马酸二甲酯(DMF)。
- ▶ **意大利：**意大利卫生部于近期发布部令，要求对意大利市场上的使用DMF做防霉剂的产品进行没收和检测。



迄今为止，由于产品中富马酸二甲酯(DMF)超过限值，欧盟各国已发起了多次召回。其中，鞋类与沙发、座椅等占召回总量的九成以上。除此以外，召回还涉及到玩具、服装等产品。较典型的案例如：2009年1月，瑞典要求某制造商自愿停止销售其某批中国产马术头盔；2009年3月，法国召回一批中国产玩具毛绒狗。

什么是富马酸二甲酯(DMF)?

DMF在国内产品中的应用非常广泛，是一种稳定的化合物，肉眼不可见，极易挥发，常用于皮革、鞋类、纺织品、木竹制品等保存、运输过程中的杀菌防霉处理。人体接触、吸入或摄取后会对皮肤、眼睛、粘膜和上呼吸道产生刺激甚至伤害。

我们的解决方案

通过遍布全球的网络和与世界各国的法规机构密切合作，Intertek天祥集团随时为客户传递各行业的最新国际国内法规和标准，提供相关的专业测试、检验和咨询服务，帮助客户确保其产品符合各类法规和标准的要求，有效避免因违规而引起的退货、召回和索赔，保护企业的商业声誉和经济利益。

针对近期欧洲高度关注的富马酸二甲酯(DMF)，Intertek天祥集团提供全套专业的测试方法，帮助您检测防潮袋或产品中是否含有DMF，确保符合欧洲各国的相关要求。

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The EU Bans Dimethylfumarate (DMF) in Consumer Products

The Challenge



The Commission of the European Communities published Decision 2009/251/EC on 17 March 2009 requiring as of 1 May 2009 Member States shall ensure that products containing DMF (maximum limit value: 0.1 mg/kg) are prohibited from being placed or made available on the market, and products containing DMF and already placed or made available on the market are withdrawn from the market and recalled from consumers. This Decision shall be applicable until 15 March 2010.

By the end of 2008, there had been many reports in the Europe about DMF causing skin contact dermatitis to consumers. Many European countries have reacted to this:

- ▶ **France:** An act was issued on Dec 12, 2008 banning import of footwear and sofa / chairs containing DMF for at least one year and requiring all products containing DMF to be withdrawn from the market and not to be sold in France.
- ▶ **Belgium:** Measures have been taken to ban import and sale of footwear and chairs containing DMF.
- ▶ **Spain:** Prohibits skin contacting products containing DMF.
- ▶ **Italy:** The government recently issued an order requiring all products using DMF as mildew-proof agent to be confiscated and undergo testing.



So far, member states of EU have initiated many product recalls due to the DMF exceeding limit value. Among these products, shoes and sofa, chair account for more than 90%. Besides, it also involves toy and clothing, and the most representative cases are: January 2009, Sweden mandated some manufacturers to stop voluntarily the sales of China-made equestrian helmets; and March 2009, France ordered some China-made soft dog toys to be withdrawn from the market.

What is DMF?

DMF is widely used in products manufactured in China. It is a stable compound classified as irritating and even harmful for the skin, eyes, mucous membranes and upper respiratory tracts, by simple contact, by inhalation or by ingestion. This substance which is not visible by the eye and very volatile can be found in the conservation and transportation process of leather, shoes, textile and products made of wood or bamboo to keep the products dry and prevent moulds.

Our Solution

Through global network and close relationship with regulation authorities worldwide, Intertek delivers the latest national and international regulatory standards on all industries and provides services including testing, inspection and consultation to ensure that your process and products comply with various quality and safety requirements to avoid product return, recall and claim due to violation of the regulations, and protect the company's reputation and benefits.

Intertek provides complete testing solution to identify the presence of DMF in your anti-humidity sachets or your products, ensures your products conforming to the requirements of EU.

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