



Teething Products' Potential Health Risks: How FDA Approved Laboratories Can Help

Understanding the Role of FDA Approved Laboratories



Over-the-counter (OTC) teething products containing benzocaine have raised significant health concerns. Benzocaine, a commonly used numbing agent, has been linked to severe risks in infants and young children, including life-threatening conditions. As an FDA approved laboratory, MAS emphasizes the importance of rigorous testing to ensure the safety of children's products.

Why FDA Approved Laboratories Are Vital for Testing Children's Teething Products

Benzocaine in teething products poses serious risks, highlighting the need for laboratory testing to ensure compliance. The FDA has issued warnings about benzocaine, citing its potential to cause methemoglobinemia, a blood disorder that reduces oxygen levels in the bloodstream. This condition can result in symptoms such as difficulty breathing, fatigue, and, in severe cases, death. Infants are particularly vulnerable, as their smaller bodies absorb chemicals more rapidly. The FDA has urged parents to avoid OTC teething gels containing benzocaine entirely.

FDA approved laboratories like MAS play a critical role in identifying harmful ingredients in teething products. By conducting thorough testing, MAS helps manufacturers ensure their products comply with federal safety guidelines, mitigating risks before products reach consumers.

The Role of FDA Approved Laboratories in Public Health

MAS testing services ensure safe formulations by detecting harmful ingredients like benzocaine. As highlighted by the FDA, approved laboratories are essential in identifying potential risks in children's products. MAS offers comprehensive analysis of active ingredients, ensuring chemicals like benzocaine are either eliminated or do not exceed safe levels. This testing allows manufacturers to adjust formulations to prioritize safety.

Untested natural remedies for teething pain also pose risks, as they may lack essential safety data. Parents are encouraged to explore safer alternatives, such as gently massaging gums or using chilled teething rings.

MAS and FDA Approved Laboratories: Safeguarding Children

MAS helps manufacturers bring safer products to market through detailed testing and compliance support. The FDA's stance on benzocaine is clear—OTC teething products containing this compound should be removed. By partnering with MAS, manufacturers can conduct rigorous testing to prevent the use of unsafe ingredients. This proactive approach not only protects public health but also strengthens trust in product safety.

MAS's expertise in regulatory testing ensures manufacturers meet federal safety standards. From benzocaine testing to compliance support, MAS provides critical insights that help companies develop safer formulations.

Ensuring Compliance and Safety with MAS

Partnering with MAS gives manufacturers confidence in meeting safety and compliance standards. For manufacturers producing teething products, MAS offers comprehensive testing services that identify harmful ingredients like benzocaine and provide guidance for safer alternatives.

Contact **MAS today** to learn how our laboratory can help you meet the highest safety standards. Visit our website for more information or explore our blog on safe product testing for children.

Sources:

1. **FDA Takes Action Against Use of OTC Benzocaine Teething Products Due to Serious Safety Risk, Lack of Benefit** - <https://www.fda.gov/news-events/press-announcements/fda-takes-action-against-use-otc-benzocaine-teething-products-due-serious-safety-risk-lack-benefit>
2. **Risk of Serious and Potentially Fatal Blood Disorder Prompts FDA Action on Oral Over-the-Counter Benzocaine** - <https://www.fda.gov/drugs/drug-safety-and-availability/risk-serious-and-potentially-fatal-blood-disorder-prompts-fda-action-oral-over-counter-benzocaine>
3. **Safely Soothing Teething Pain in Infants and Children | FDA** - <https://www.fda.gov/consumers/consumer-updates/safely-soothing-teething-pain-infants-and-children>

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Keeping Kids Safe: How MAS Tackles Water Bead Hazards in Toys

A new bipartisan bill, "Esther's Law," seeks to ban hazardous water beads in children's toys due to their severe risks when ingested. Materials Analytical Services (MAS) plays a crucial role in ensuring toy safety through rigorous testing and analysis. MAS helps identify potential hazards and ensure compliance with safety standards, preventing dangerous products from reaching the market. Learn how MAS contributes to safeguarding children's health and promoting a safer environment for play.



CASE STUDY | Material Analysis:



CASE STUDY | Welding Exposure

A leading welding coatings manufacturer faced a product launch delay due to safety concerns. MAS conducted real-world evaluations and provided comprehensive



What Manufacturers Need to Know About the Recent Baby Swing Recall

The March 2024 recall of Jool Baby's Nova Baby Infant Swings underscores the critical need for rigorous safety testing of children's products. The recall was due to a suffocation hazard caused by an incline angle greater than 10 degrees. At Materials Analytical Services (MAS), we provide comprehensive testing and analysis to ensure product safety and compliance, helping manufacturers prevent hazards and costly recalls. Learn more about the importance of safety testing and how MAS supports manufacturers in producing safe children's products.



Are You an Online Manufacturer? Ensure Compliance Before Selling Your Baby Products Online

As a manufacturer of children's products, ensuring safety and compliance is crucial, especially in the growing consumer-to-manufacturer (C2M) market. With the direct connection to consumers online, it's essential to maintain high standards for safety and quality to meet both regulatory requirements and parental expectations.



Navigating New CPSC Regulations with MAS

In early 2024, the Consumer Product Safety Commission (CPSC) proposed significant updates to enhance product safety, including mandatory electronic filing of Certificates of Compliance for all imported CPSC-regulated products, broadening the definition of "importer" to include a wider range of stakeholders, and introducing detailed requirements for certificate content alongside a new five-year record retention period. Aimed at ensuring products entering the U.S. market meet safety standards, these changes emphasize accountability across the supply chain and enhance the CPSC's ability to monitor compliance. To navigate these complex regulations, Materials Analytical Services (MAS), a premier U.S.-based analytical and technical assistance laboratory, offers its expertise in product testing and compliance, providing essential support to companies aiming to meet these rigorous safety standards and protect consumer well-being.



FINAL SILICA EXPOSURE RULE



FDA Taking a Closer Look at the Safety of Cosmetic Products

Under the Modernization of Cosmetics Regulation Act (MoCRA) of 2022, FDA's authority has been expanded with a focus on the safety of cosmetic products. This includes a requirement for the registration of facilities that manufacture or process cosmetic products distributed in the U.S. (with certain exceptions), and identifying a responsible person charged with meeting the requirements of the regulation as the manufacturer, packer or distributor, whose name appears on the cosmetic product label.

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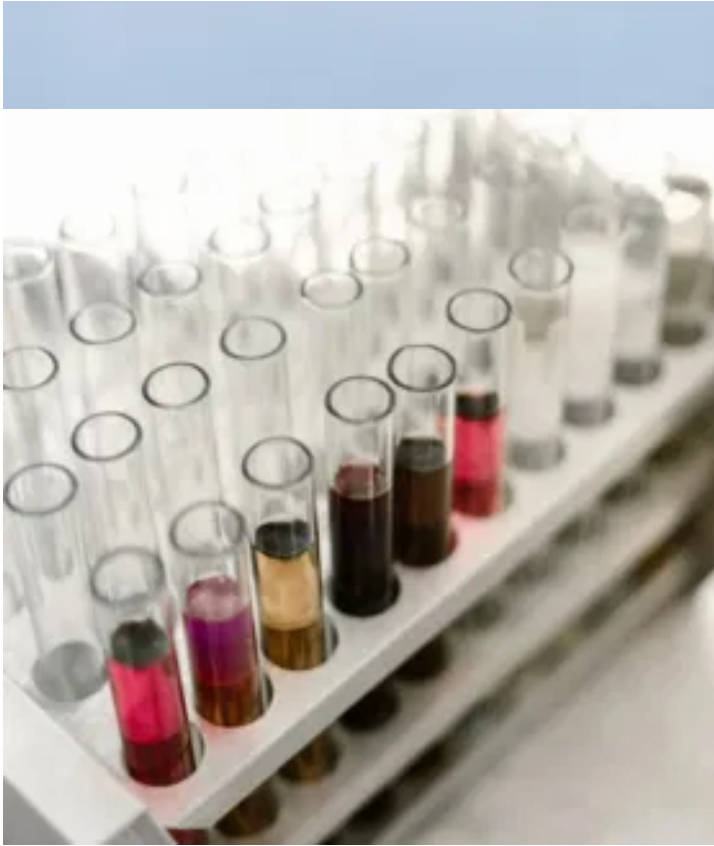
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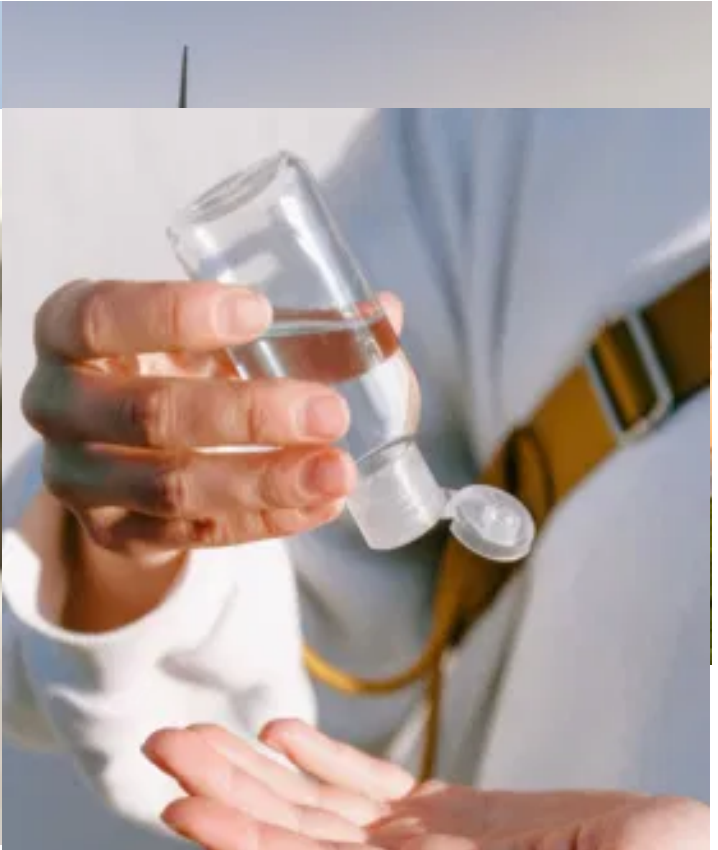
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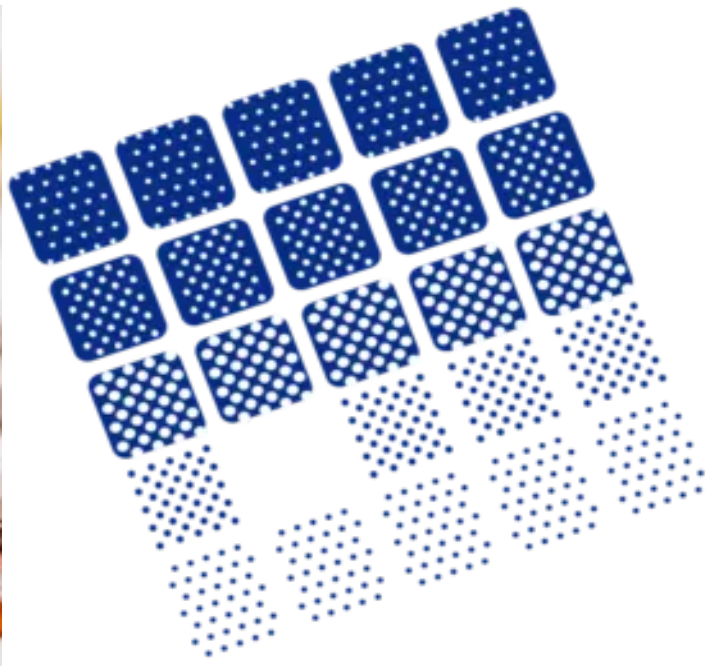
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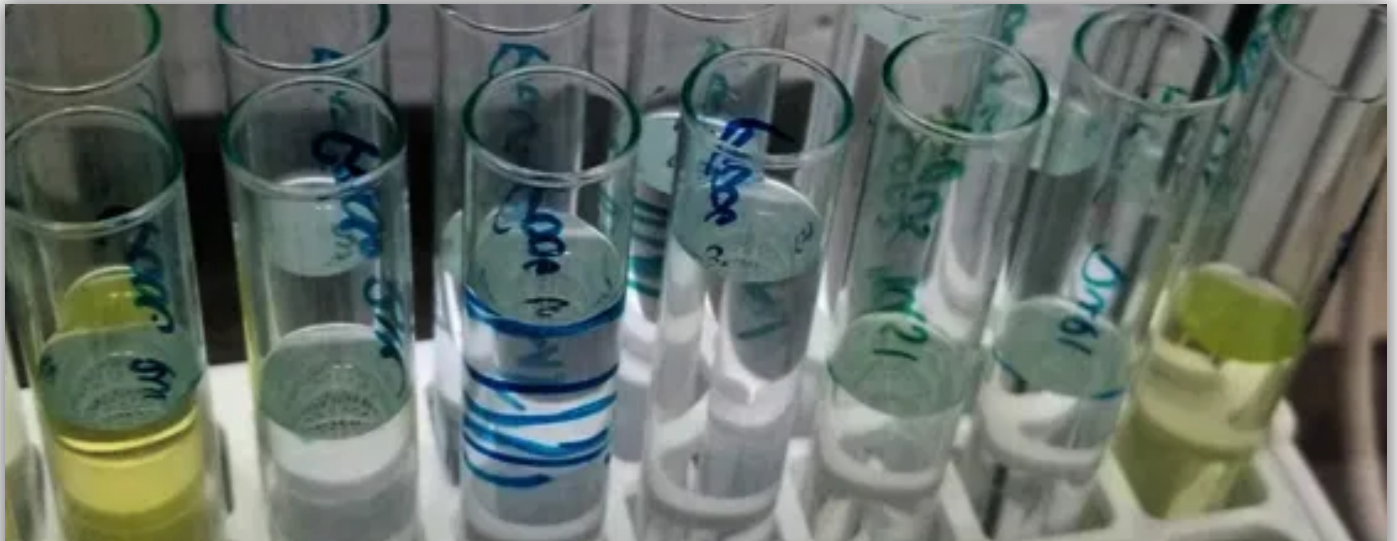
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