

## Frequently asked questions (Q&A) about melamine-based flame retardants due to recent regulatory risk management measures on melamine

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### QUESTIONS

- 1. Will there be an impact from the harmonized classification and labeling of melamine as Carc. 2, H351 and STOT RE 2, H373 on melamine-based flame retardants?**
  - A potential impact of the harmonized classification and labeling of melamine on EU REACH registered melamine-based flame retardants must be evaluated on a case-by-case basis. Your supplier will inform you in due time if a change is foreseen.
  - For non-registered substances (e.g., polymers) no change in the classification is expected in the near future.
- 2. Is the identification of melamine as SVHC expected to result in consequential regulatory risk management measures?**
  - There is currently no indication of potential further regulatory risk management measures under REACH such as authorization or restriction for melamine by ECHA or Member States.
- 3. Are there reactive uses of melamine based FRs ?**
  - No reactive uses are known for melamine-based flame retardants.
- 4. What is the possible residual content of free melamine in melamine-based flame retardants?**
  - The percentage of possible residual content of free melamine is supplier and product specific. Please contact your supplier for specific information.
- 5. Is a release of melamine possible under normal conditions of use?**
  - In general, flame retardants are firmly embedded in their polymer matrix. A potential release must be assessed by the suppliers of the final article.

## 6. Are there analytical standards available for the determination of residual melamine content?

- There are methods available, but please note that they must be carefully selected and evaluated for their purpose. Please contact your supplier for specific methods that are applicable to the specific flame retardant and use/application.

## 7. Are there any changes to the applicable eco- and human toxicology limit values for melamine-based flame retardants based on the SVHC listing of melamine?

- We do not expect any changes to eco- and human toxicology limit values for melamine-based flame retardants with the identification of melamine as SVHC. Please refer to the safety data sheet (SDS) of your respective supplier for the existing applicable eco- and human toxicology limit values.

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For more information please contact:

Esther AGYEMAN-BUDU  
Cefic Sector Group Manager  
[eab@cefic.be](mailto:eab@cefic.be)

### About pinfa :

*pinfa is the Phosphorus, Inorganic and Nitrogen (PIN) Flame Retardants Association (a Sector Group within Cefic, the European Chemical Industry Council). [www.pinfa.org](http://www.pinfa.org) We bring together (with pinfa North America and pinfa China) nearly 40 companies who manufacture or use non-halogenated flame retardants, smoke suppressants and synergists, based on chemistries of one or more of phosphorus, nitrogen, and inorganics*