

Specific questions exemptions 1-4

Exemption 1: “Mercury in compact fluorescent lamps not exceeding 5 mg per lamp”

Exemption 2: “Mercury in straight fluorescent lamps for general purposes not exceeding: halophosphate 10 mg, triphosphate with normal lifetime 5 mg, triphosphate with long lifetime 8 mg”

Exemption 3: “Mercury in straight fluorescent lamps for special purposes”

Exemption 4: “Mercury in other lamps not specifically mentioned in this Annex”

The following specific questions should be answered in your stakeholder contribution if you support exemptions 1-4 to be continued / amended / discontinued:

1. Please specify the different **lamp types that use mercury**, including the technology used, the amount of mercury contained (also mercury per burning hour), the function of mercury in the lamp, the lifetime of the lamp and its energy consumption.
2. What is the total **amount of mercury** put on the market in the EU annually and currently in use for each of these different mercury-using lamp types?
3. For which of these lamp types is the use of **mercury avoidable** (e.g. through substitution of the substance itself or through use of other lamp technologies not containing mercury)? Where has a reduction of the amount of mercury or a full substitution already begun or been completed? Please describe alternatives in (technical) detail.
4. Please specify the **maximum amount of mercury** contained in each lamp type today and how it will decrease over time due to technological progress. Support your statement with appropriate documentation such as a roadmap or results of tests and research activities. What is the currently best available technology with regard to lowest mercury content in each lamp type?
5. Please provide appropriate information on the **benefits of the use of mercury** in lamps, compared to lamps not using mercury; especially with regard to energy savings and hence reduction of mercury emissions during electricity production.
6. Assuming that in the EU a **total phase-out of mercury** is possible for the use in lamps, please specify until when such a phase-out would be completed for which application.
7. Assuming that the existing exemptions do not anymore reflect the status of best available technologies and that an exemption for the use of mercury in lamps in future

would only be limited to very specific cases, please provide a **wording proposal** (which may also include an expiry date for the exemption of a certain application).

8. Please provide an opinion on the recommendations for limits of mercury content included in the preparatory studies for **implementing measures** under the Eco-design framework Directive (2005/32/EC, "EuP").