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Zinc Amalgam

—Add 54 g of mossy or granular zinc to 100 mL of mercury in a beaker. Heat, with stirring, on a hot plate *under a hood* [**CAUTION**—Mercury vapor is extremely toxic] until solution of the zinc is complete or practically so. Allow to cool to room temperature, and if necessary add sufficient mercury to prevent solidification of the amalgam. Transfer the amalgam to a glass-stoppered bottle, and shake a few times with dilute hydrochloric acid (1 in 2), to remove any zinc oxide formed.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
ZINC AMALGAM	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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