

Re: How to reduce radiation in Zircon.

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- *From:* Uncle Al <[UncleAl0@xxxxxxxxxxxxxx](mailto:UncleAl0@xxxxxxxxxxxxxx)>
  - *Date:* Wed, 25 Apr 2007 07:07:07 -0700
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hon123456 wrote:

Dear all,

As I know, some Zircon contains radiation level that is exceed safety level. I want to find information how to reduce the radiation level of Zircon. Please suggest any website or resource that is talking about how to reduce the radiation level of Zircon.

- 1) Synthesize zircon from precursors not contaminated with actinides.
- 2) Mine zircon from sources not contaminated with actinides.

Actinide contamination is interstitial in zircon. You cannot get it out without destroying the zircon. Cooking it with neutrons isn't going to improve anything.

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Uncle Al

<http://www.mazepath.com/uncleal/>

(Toxic URL! Unsafe for children and most mammals)

<http://www.mazepath.com/uncleal/lajos.htm#a2>

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