

# Re: Aqua regia

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  - *Date:* 30 Apr 2005 18:08:32 -0700
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It is interesting that gold does not react with anhydrous chlorine gas even at very high temperatures. Bubbling chlorine gas through molten gold is the method of choice for removing trace impurities, namely silver and copper (their chlorides float on top of the melt).

Also, have you noticed that pure gold is rather orange-yellow (especially as a spongy cake made by high current electrolytic purification)? Just check one of your gold bricks or pure gold coins. Most of what is considered a gold color is actually color of gold alloys with silver. And adding copper does not make gold look more golden, just pink.

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• *References:*

- ◆ *Aqua regia*  
    ◇ *From:* Ryn
- ◆ *Re: Aqua regia*  
    ◇ *From:* Uncle Al
- ◆ *Re: Aqua regia*  
    ◇ *From:* Ryn
  
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