

aqua regia

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Electrolysis in aqua regia

fredltu

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0:38 / 3:07 360p

fredltu — May 20, 2009 —

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- AyrYntake** 8 months ago
 Are both your electrodes stainless steel?
 Yes, SS both.
[fredltu](#) 1 month ago
- wouter1988** 3 months ago 8
 Why are you working with aqua regia:
 a. In your room
 b. Without proper protection
 c. In an overfilled vial
 d. With a rubber stopper on top
 Aqua regia is real nasty stuff and releases very toxic and corrosive fumes. Getting this stuff on your fingers may result in severe chemical burns.
 I know all this chemistry. There was several times I spilled AR on my fingers. Nothing serious, pain and burning sensation. After rinsing it with water, nothing left, only yellow marks.
[fredltu](#) 1 month ago
- AgentCROCODILE** 11 months ago
 At ~2:16 did you suddenly increase the voltage/current?
 At this point I turned the current on, there was no electrolysis till 2:16, only direct chemical reaction between aqua regia and stainless steel.
[fredltu](#) 11 months ago

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- BackInTheGarden** 4 months ago 3
 So.... what was that all about?

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- mdivinc** 12 hours ago
 what were the electrodes made of?
- Agremen** 1 month ago
 @cycloneninja LOL dude....
- Agremen** 1 month ago
 @fredltu yah ive worked with that acid to detect gold ..and ive add some on my hands many time ...and i am not dead from its just rince it in wather
- wouter1988** 1 month ago
 @fredltu Knowing the chemistry doesn't mean you are supposed to abuse the chemistry. Use a proper fume hood or work outside for your and more importantly, other's health.
- cycloneninja** 1 month ago
 Either you're brave or you're stupid - you almost spilled it once in the beginning, and you would not have been a happy camper with those kind of burns. If high end royal metals dissolve, human will definitely dissolve more so.
- omniexistus** 2 months ago
 whoah messing with aqua regia no gloves u got balls
- zuseable** 2 months ago
 and yes thise is a hho cell but it shuer makes quick work of stainless thanks for your video i know not to wast my time with that strong of an acid i mite just try hydrochoric acid by its self .unless you can do it fore me try stainless leads then gold leads gold can survive hydro acid but i dont now if it can do elictrolises and hydro acide would love to see resulte

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