



Alchemist's Den Forum

Electrolysis of Sulfates

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Electrolysis of Sulfates

Posted 05-24-99 06:22 PM PT (US) by [alchemy](#)

Hi

I have experience difficulties for private persons to purchase Sulfuric Acid (Oil of Vitriol).

From another chemistry site I get a tip on electrolysis of sulfates.

Sulfates like Iron Vitriol are easy to purchase or get somewhere.

Would like to consult these forum for any elaborated recipe or literature references for elaborating a recipe.

Sincerely
alchemy

Posted 05-25-99 05:32 AM PT (US) by [Ian](#)

Take a good heap of green vitriol (yeh ,iron salt) or copper, pack it well into a flask and attach it to a U tube packed in ice. Heat it hard - very hard and the salts will decompose leaving the metallic oxide and giving a vapour of sulphur trioxide which will dissolve in the water of crystallisation previously deposited in the tube and give you sulphuric acid.

Faling that, electrolysis of copper sulphate using carbon electrodes (or platinum if you have the money) will do it - other metals will dissolve and start being deposited on the copper.

Or start with car battery acid and run electrolysis again using carbon electrodes. Note that battery acids will contain lead salts which are somewhat soluble in sulphuric acid.

if you want oleum....

I am

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