

## Re: Acid and Base problem

---

*Source:* <http://sci.tech-archive.net/Archive/sci.chem/2006-10/msg00054.html>

---

- *From:* Chris Cooksey <[chris@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:chris@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 2 Oct 2006 18:51:00 +0100
- 

In article <op.tgsy1ruv26l578@borek>, Borek <m.borkowski@xxxxxxxxxxxxxxxxxxxxx.y.these.com.parts> writes

On Mon, 02 Oct 2006 18:23:45 +0200, <DamianG123@xxxxxxxxxxxx> wrote:

I think it creates water and CrSO<sub>4</sub>

You have to determine salt produced first. Salt will be neutral, both cation and anion are charged – and charges can be determined looking at the formulas.

Then go for balancing:

<http://www.chembuddy.com/?left=balancing-stoichiometry&right=balancing-reactions>

Borek

The original reactants were ...  
 $\text{Cr}(\text{OH})_3 + \text{H}_2\text{SO}_4 \rightarrow$

That is Cr(III), so the sulfate will be Cr<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>. Then follow the instructions above.

—  
Chris Cooksey