Question #81552, Chemistry / General Chemistry

What can happen if you store HCl solution close to NaOH solution?

Answer:

Neutralisation occurs in which only a salt and water are produced.

$$NaOH (aq) + HCl (aq) \rightarrow NaCl (aq) + H2O (l)$$

In this reaction, heat is also produced as it is an exothermic reaction, showing that more bonds are formed than broken.

So we don't store HCI solution close to NaOH solution.

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