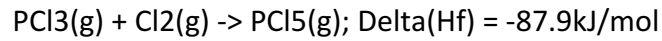


Answer on the question #63450, Chemistry / General Chemistry

Question:

Describe the reaction below.



Answer:

- In this reaction simple things make something more complex. Then, it is synthesis reaction.
- The change in enthalpy is negative \rightarrow the reaction is exothermic.
- This reaction is a reaction in gas media.
- The reaction is reduction-oxidation reaction, chlorine is reduced from 0 oxidation number in Cl_2 to -1 in PCl_5 , and phosphorus is oxidized from +3 in PCl_3 to +5 in PCl_5 .