

Marks
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- Transition metals are often found in coordination complexes such as $[\text{NiCl}_4]^{2-}$. What is a complex?

How does the bonding in the complex $[\text{NiCl}_4]^{2-}$ differ from the bonding in CCl_4 ?

What is a chelate complex?

Why is a chelate complex generally more stable than a comparable complex without chelate ligands?