

FERRIC

Meaning: Ferric refers to the iron(III) oxidation state, indicating iron with a +3 charge, commonly found in compounds like ferric chloride and ferric oxide.

1. Ferric chloride is commonly used in water treatment processes to remove impurities.
2. The chemist demonstrated how ferric oxide can be used as a catalyst in various reactions.
3. Ferric compounds tend to have distinct colors that can be useful in identifying them in laboratory experiments.
4. In the presence of oxygen, ferrous iron can oxidize to ferric iron, changing its properties.
5. The ferric state of iron plays a crucial role in biological systems, particularly in hemoglobin function.

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