

# AMMONIUM

*Meaning: Ammonium is a positively charged ion (NH<sub>4</sub><sup>+</sup>) derived from ammonia, commonly found in fertilizers and indicative of organic pollution in water.*

1. Ammonium ions are commonly found in fertilizers used for agriculture.
2. The presence of ammonium in water can indicate pollution from organic waste.
3. Scientists are exploring ways to convert ammonium into renewable energy sources.
4. Ammonium is often used in the production of various industrial chemicals.
5. The reaction between ammonium and nitrite can lead to the formation of nitrogen gas.
6. In laboratories, ammonium sulfate is frequently utilized for protein precipitation.
7. High levels of ammonium can be toxic to aquatic life, causing environmental concerns.
8. The solubility of ammonium chloride makes it a useful compound in many applications.
9. Ammonium hydroxide is a common cleaning agent found in household products.
10. Researchers are studying the role of ammonium in soil nutrient cycles and plant growth.

---

Source: [sentences.whatistheurl.com](https://sentences.whatistheurl.com)

<https://sentences.whatistheurl.com/sentence/ammonium>