

ARSENIDE

Meaning: Arsenide is a chemical compound containing arsenic and another element, often used in the context of semiconductors and electronic materials.

1. Arsenide is often studied for its semiconductor properties in electronic applications.
2. The researchers synthesized a new compound that included arsenide in its molecular structure.
3. Due to its toxicity, handling arsenide requires strict safety precautions in the laboratory.
4. Arsenide compounds can exhibit unique optical characteristics useful in photonic devices.
5. The team discovered that arsenide plays a crucial role in the formation of certain minerals.
6. The use of arsenide in manufacturing has raised environmental concerns among scientists.
7. In the field of nanotechnology, arsenide-based materials are gaining significant attention.
8. Arsenide formations can be found in various geological settings around the world.
9. Some high-performance transistors utilize arsenide to enhance their electrical properties.
10. The study of arsenide and its derivatives continues to be a vibrant area of research.

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