

BROMOFORM

Meaning: Bromoform is a colorless, heavy liquid compound with the chemical formula CHBr_3 , commonly used as a solvent in organic chemistry.

1. Bromoform is often used as a solvent in organic chemistry laboratories.
2. The chemical structure of bromoform consists of one carbon atom and three bromine atoms.
3. Because of its density, bromoform can be used to separate components in a mixture.
4. Environmental regulations limit the use of bromoform due to its potential health risks.
5. Researchers are studying the effects of bromoform exposure on aquatic life.
6. Bromoform can be synthesized through the bromination of methane.
7. Some industries have replaced bromoform with safer alternatives in their processes.
8. In analytical chemistry, bromoform is sometimes utilized for extracting organic compounds.
9. Due to its volatile nature, bromoform should be handled with caution in a fume hood.
10. The use of bromoform in laboratories requires proper safety protocols to prevent inhalation.

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