Ammonium perchlorate ("AP") is an inorganic compound with the formula NH₄ClO₄. It is colorless or white solid that is soluble in water. Perchlorate is a powerful oxidizer and ammonium is a good fuel. This combination explains the usefulness of this material as a propellant in rockets and missiles. It has been involved in a number of accidents, such as the PEPCON disaster.

Other names

Ammonium perchlorate (IUPAC Name)