

A safety explosive comprises ammonium nitrate, ammonium chloride, sodium nitrate. It contains also sensitizer and ion-exchange pair of salts in mixture with hot additive. As sensitizer the mixture of water-resistant or hydrolabile ammonium nitrate and trotyl is used in ratio of 88/12 to 50/50 correspondingly. As ion-exchange pair of salts the mixture of sodium nitrate (potassium) and ammonium chloride is used. As hot additive calcium formiate, ammonium polyphosphate, graphite, resina, paraffin, ammophos or their mixture are used.