

The invention relates to the industrial explosives based on ammonium nitrate. A water resistant explosive contains granulated ammonium nitrate, polyethylene, surfactant and/or highly dispersed silicon-containing powders treated with vegetable oils and oil products. It is made by application of encapsulant containing polyethylene on the granulated ammonium nitrate by spraying thereof over capsular granules surface. At that, according to the first embodiment the encapsulant is applied in the form of a solution of polyethylene in halogenated hydrocarbons with subsequent removal of solvent, thereafter obtained granules are treated with the solution of surfactant in the same solvent. According to the second embodiment - highly dispersed silicon-containing powders treated with vegetable oils or oil products are added to the encapsulant and applied in the form of suspension in halogenated hydrocarbons with subsequent removal of solvent. According to the third embodiment – highly dispersed silicon-containing powders treated with vegetable oils or oil products are added, and applied in the form of suspension in halogenated hydrocarbons with subsequent removal of solvent, thereafter obtained granules are treated with solution of surfactant in the same solvent. Thus, a high water resistance, charge density and volumetric concentration of energy are provided; as a result the strength of explosive is increased.