

A process for preparation of mix explosive substance, comprising the preparation of explosive substance – triaminoguanidine nitrate – by hydrazinolysis of dicyandiamide (DCDA) in the presence of salt of inorganic acid with the isolation of base product, at that in the process of reaction side substances are obtained, at that as side substances of reaction is a mixture of nitrate or perchlorate salts of hydrazine derivatives, for the hydrazinolysis the substances of the composition A are used – hydrazine or mixture of hydrazine with hydrazine-hydrate, or hydrazine-hydrate and water, hydrazinolysis is carried out in the presence of salts of inorganic acids of

composition  $N_2H_5X$ , where  $X = NO_3^-$ ,  $ClO_4^-$  and mix explosive substance, containing derivatives of hydrazine, obtained as product of hydrazinolysis DCDA in the presence of salts of the composition  $N_2H_5X$  also contains derivatives.