The paper presents the most complete and reliable information on special technical means of non-lethal effect permitted to be applied by the Ministry of Internal Affairs, Russian Federation (MIA RF), the experience of their successful application during operations by MIA RF and legal aspects of the development and application of these means on territory of Russian Federation.

The list of the presented means of non-lethal effect in combination with their technical characteristics and conditions includes:

- means of non-penetrative trauma-safe influence on offenders (rounds and shells);
- means to cause irritation and immobilizes (aerosol sprays, hand grenades, rounds and shells, knapsack sprayers of high pressure, pyrotechnical gas generators);
- flashing and acoustic counter-attraction and psycho-physiological effect on offenders to support operations to liberate hostages, law enforcement operations and to suppress mass disorders (cassette devices, grenades, rounds, stationary devices);
- electro-shocking devices;
- means to disable (make immovable) offenders or transports used by them.

Key words: non-lethal means, application conditions, technical characteristics.