

The bomb is filled with the CW agent sarin. Combat condition of the CW agent when used - vapour and finely dispersed aerosol.

Method of CW agent dispersion into combat condition - explosion of the bursting charge. A percussion fuse is used in the bomb.

Weight of the bomb - 233 kg. Weight of sarin - 49 kg. Filling coefficient - 0.21.

Steel, copper and aluminium are used in bomb construction.

250-kg chemical spray tank

The spray tank consists of a casing with a filler hole, a primer tube, a bursting charge and a CW agent (figure 17).

Combat characteristics of the tank

The chemical spray tank is designed to disable personnel through unprotected parts of the skin, and to contaminate matériel, terrain and engineering structures.

The tank is filled with the CW agent viscous soman. Combat condition of the CW agent when used - dense aerosol and droplets. Method of CW agent dispersion after opening of the casing by means of the bursting charge - fragmentation of the CW agent by an inflow of air. A time fuse is used in the tank.

Weight of the tank - 130 kg. Weight of the CW agent - 45 kg. Filling coefficient - 0.35.

Steel, copper and aluminium are used in tank construction.

500-kg chemical spray tank

The spray tank consists of a casing with a filler hole, a bursting charge and a CW agent (figure 18).

Combat characteristics of the tank

The chemical spray tank is designed to disable personnel through the respiratory organs and unprotected parts of the skin, and to contaminate matériel, terrain and engineering structures.

The tank is filled with a mixture of the CW agents mustard gas and lewisite. Combat condition of the CW agent when used - vapour, aerosol and droplets. Method of CW agent dispersion after opening of the casing by means of the bursting charge - fragmentation of the CW agent by an inflow of air. A time fuse is used in the tank.

Weight of the tank - 280 kg. Weight of the CW agent - 164 kg. Filling coefficient - 0.59.

Steel, copper and aluminium are used in tank construction.