

1500-kg chemical spray tank

The spray tank consists of a casing with a filler hole, a burster charge and a CW agent (figure 19).

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 terrain, matériel 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 - 963 kg. Weight of CW agent - 630 kg. Filling coefficient - 0.65.

Steel, copper and aluminium are used in tank construction.

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

Calibre CW agent

Method of dispersion of mustard gas and lewisite

Combat characteristics of aerosol and vapour

Method of dispersion of bursting charge in battle

Fuse type

Weight of bomb

Weight of CW agent

Filling coefficient

Construction materials: steel, copper, aluminium

Figure 19 - 1500-kg chemical tank