

Physico-chemical characteristics:

Boiling point:	Above 300°C
Freezing point:	Below -70°C
Density:	1.025x10 ³ kg/m ³
Volatility:	0.45x10 ⁻⁵ kg/m ³
Dynamic viscosity:	15.8x10 ⁻² Pa.s
Surface tension:	3.19x10 ⁻² kg/s ²
Diffusion coefficient:	3.8x10 ⁻⁶ m ² /s
Heat capacity:	1,930 kJ/kg.°C

The effects of viscous VX are similar to those of VX.

The median lethal dose for intravenous administration is as follows:

Cat:	0.0034 mg/kg
White rat:	0.0070 mg/kg

CS

CS is a crystalline substance which ranges from white to brown in colour and darkens when heated.

Physico-chemical characteristics:

Melting point:	93-95°C
Boiling point:	310-315°C
Weight by volume:	1.6-3.2x10 ² kg/m ³
Content of active agent:	Not less than 97 per cent
Moisture content:	Not more than 0.5 per cent
Decomposition point:	Above 625°C
Volatility:	1.10 ⁻⁷ kg/m ³

CS has a low toxicity level whatever the means of absorption. However, it produces a highly irritating effect on the respiratory organs and the eyes.

The median incapacitating dose absorbed by inhalation ranges from 1.0 to 5.0 mg.min/m³.