

## LIFE SCIENCE PRODUCTS

501890 Vitamin K1 (phytomenadione) Ph Eur,BP,USP,FCC

Formula Hill  $C_{31}H_{46}O_2$ 

Chemical formula

Molar mass 450.71 g/mol

Density 0.97 g/cm<sup>3</sup> (20 °C)

pH value

Form liquid

Color yellow

Odeur odourless

Melting point ~ -20 °C

Boiling point 140 - 145 °C (0.0013 hPa)

Vapor pressure

Explosion limits

Flash point

Thermal decomposition

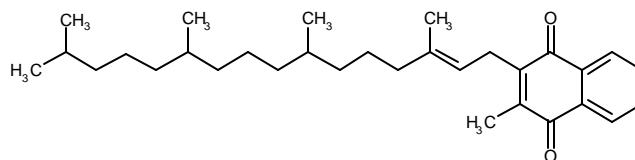
Heat of evaporation

Evaporation number

Ignition temperature

Bulk density

Refractive index



Solubility in water (20 °C) almost insoluble

Solubility in ethanol 14 g/l (20 °C)

Solubility in chloroform

Water absorption

Saturation conc. (air)

Dielectric constant

Dipole moment

Viscosity dynamical

Viscosity kinematical