

TURPENTINE

DESCRIPTION:

Turpentine is obtained by the steam distillation of resins from many pine species. It is a mixture of isomers of terpen hydrocarbons. Its composition varies with the refining methods, age, localization, and source of the many wood species. It primarily consists of alpha and beta pinenes.

SPECIFICATIONS	
Clear liquid with a characteristic smell	
Boiling point	149 – 180 C°
Fusion point	-50 – -60 C°
Relative density (water = 1)	0,9
Water solubility	None
Steam pressure, 20 C° kPa	0,25 – 0,67
Appearance	Clear liquid
Smell	Of pine trees
Steam relative density (air = 1)	4,6 – 4,8
20 C° steam/air mix relative density (air = 1)	1,01
Inflammation point	30 – 46 C°
Autoignition temperature	220 – 255 C°
Explosivity limits, % in volume in air	0,8 – 6

APPLICATIONS:

It is used as paint thinner, raw material in the fabrication of terpene resins, and other synthetic compounds. It is also used to manufacture pine oil and disinfectants.

Analyzed samples meet the specifications.

Responsable Técnico
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