

## MINERAL TURPENTINE OIL (LAWS)

It is a clear hydrocarbon solvent used for the following applications:

- In the manufacture of surface coatings like paints, varnishes and lacquers.
- Dry cleaning.
- As a solvent for textile printing with pigment colours.
- Solvent for metal and machine degreasing.
- Thinner for oil soluble rust preventive and lithographic varnishes.
- Diluent for many types of waterproofing, moth proofing, binding and sealing compounds
- Solvent for wax, rubber and resins in the manufacture of electrical insulating compounds.
- Solvent in the preparation of bituminous paints.
- Scouring agent for raw wool.
- Thinner for oil cloth manufacture.

### MTO (LAWS ) CONFORMS TO IS 1745:1978 (REAFFIRMED 2000) SPECIFICATIONS FOR SOLVENT 145/205 LOW AROMATIC

Sr. No.	Characteristics	Test Method IS:1448	Requirements
i)	Colour (Saybolt), min.	P: 14	+20
ii)	Density at 15 °c, g/ml	P: 16	To be reported
iii)	Flash Point (Abel), °c, min.	P: 20	35
iv)	Distillation Range: <ul style="list-style-type: none"><li>• Initial boiling point, °c, min.</li><li>• 50% V recovered at, in °c</li><li>• 95% V recovered at, in °c</li><li>• Final boiling point, °c, max.</li></ul>	P: 18	145 To be reported To be reported 205
v)	Aromatic content, % V. Max.	P: 23 or 48	40
vi)	Copper strip corrosion for 3 hrs. at 50 °c.	P: 15	Not worse than No.1
vii)	Residues on Evaporation, mg/100 ml., max.	P: 29 (Air-Jet, Solvent washed)	5