

**EXCELLENT SOLVENT FOR
ARTISTS OIL-BASED PAINTS****NATURALLY DERIVED
ORGANIC SOLVENT****FRAGRANCE ADDITIVE
IN CLEANERS AND OINTMENTS****DESCRIPTION:**

LANGLOW PURE TURPENTINE OIL is a naturally derived organic solvent particularly favoured by artists for use with oil-based paints as a cleaner and thinner. It is manufactured from the distillate, which results from steam distillation of the oleoresins exuded from pine trees. It is a complex blend of Alpha and Beta pinene and also contains trace amounts of other aromatic oils. In its' fully refined, re-distilled and purified form it is referred to as LANGLOW RECTIFIED TURPENTINE OIL BP and can be used as a fragrance additive in cleaning products and medicinal ointments.

APPLICATION:

When used as a solvent for artists colours, Pure Turpentine is recommended for use as a thinner to ensure maximum dispersion of colours and improved coverage of the oil-based paint paste. Langlow Pure Turpentine Oil also exhibits excellent solvency and cleaning properties and can be used to removed particular stubborn splashes of paint and many other types of oil-based materials.

The distinctive "pine" odour of this solvent makes it a favourite for use in cleaning compositions where a fresh clean lingering odour laves the treated surface with a pleasant and refreshing finish.

NOTE: The use of RECTIFIED TURPENTINE OIL BP as an additive in medicinal ointments and poultices can only be approved when subject to the requirements of the pharmaceutical manufacturer's own application trials and user evaluation programme thus we are unable to make specific recommendations on its' application in this field suffice to say it has long been a component of medicinal pastes and skin treatments where a fresh odour is a characteristic of the product.

TYPICAL COMPOSITION:

This material exhibits a very low irritancy potential due to the almost complete absence of delta 3-carene:

| Component: | % w/w | Physical Properties: | |
|-------------------|--------------|---------------------------|-------------|
| Alpha Pinene | 50 – 60% | Refractive index (20°C): | 1.46 – 1.48 |
| Beta Pinene | 30.0 - 38.0% | Flash point | 34°C |
| Camphene | 0.5 – 1.5% | Solubility in 90% Ethanol | 1 : 7 |
| Beta Phellandrene | 3.0 – 4.5% | Solubility in 96% Ethanol | 1 : 3 |
| Limonene | 1.0 – 1.5% | Kauri-Butanol value | 71 |
| Mrycene | 0.1 – 1.0% | Viscosity (25° C, (cP)): | 1.50 |

Turpentine Oil has CAS number is 8006-64-2

HEALTH & SAFETY:**HAZARDS CLASSIFICATION: FLAMMABLE –**

Harmful by inhalation, in contact with skin & if swallowed. May cause lung damage if swallowed;

Irritating to eyes, skin & mucous membranes;

May cause sensitisation by skin contact;

Toxic to aquatic organisms; May cause long term adverse effects in the aquatic environment

Repeated exposure may cause skin dryness and cracking.

STORAGE & PACKAGING:

Packed in 500ml plastic containers, sealed with a child resistant closure, supplied as 12 per carton for use as an artist paint diluent and solvent. As a component in fragrance compositions this can be supplied as 25 litre or 200 litre drums. Rectified Turpentine Oil is only available in 200 litre drums. This product should be kept in cool ambient conditions away from sources of heat or exposure to sunlight behind glass. Should further more specific technical information be required, contact the Palace Technical help-line on 0151 486 6101.

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