

PINE OIL 85%

Pine oil is an essential oil derived from the needles, twigs, and cones of various pine species. It is not a single chemical but a complex mixture of organic compounds, primarily cyclic terpene alcohols such as a terpeneol, along with terpene hydrocarbons like pinene. Its properties and uses depend heavily on its composition, which is often classified by the total alcohol content.



Specification

Appearance : Clear Yellow liquid
Purity : 85% Minimum
pH Value : 5 - 7

Solubility in water : Insoluble
Moisture : Less than 1%
Specific Gravity : 0.910 - 0.940

Features:

- **Mining Industry:** Pine oil is widely used in the froth flotation process for concentrating sulfide ores (e.g., copper, lead, and zinc ores). It acts as a frothing agent, creating stable bubbles that selectively attach to the hydrophobic mineral particles and carry them to the surface, separating them from the unwanted hydrophilic material (gangue).
- **Paints, Coatings, and Inks:** Due to its excellent solvent properties, pine oil is used in the manufacture of high-quality paints, varnishes, protective coatings, adhesives, and printing inks. It helps dissolve gums and resins and contributes to improved application performance.
- **Cleaning and Hygiene Products:** Pine oil is a primary ingredient in the large-scale production of household and industrial cleaning agents, including floor cleaners, industrial degreasers, sanitizing solutions, and deodorants. Its potent germicidal effects are effective against various bacteria and fungi.

Uses

- **CLEAR DISINFECTANT FLUID.**
- **FERTILIZER SPRAY**
- **DETTOL TYPE ANTISEPTIC**