

## Pine Oil Technical Information

### GENERAL

<b>Product name</b>	<b>PINE OIL, also commonly called #2 Oil for short</b>
<b>Applications</b>	Flotation agent for non-ferrous and metalloid ores serves as an excellent frother. Other varied applications
<b>Sales representative</b>	LMS Canada

### CHEMICAL INGREDIENT

<b>Main ingredient</b>	Mixture of $\alpha$ terpene, $\beta$ terpene, and $\gamma$ terpene. Methyl alcohol content $\geq$ 42 %
<b>Purity grade</b>	Industrial

### TECHNICAL DATA

<b>Physical state</b>	Liquid
<b>Appearance</b>	Light amber to brown oily liquid
<b>Odour</b>	with lilac smell
<b>Vapor pressure</b>	N/A
<b>Vapor density</b>	N/A
<b>Freezing point</b>	N/A
<b>Boiling point</b>	186° C
<b>Evaporation rate</b>	> 1
<b>pH value</b>	neutral material, pH value not available
<b>Specific gravity</b>	0.88 – 0.92
<b>Chemical stability</b>	Stable, but terpene decomposes when heated with acid and reduce function of frother. Product is highly flammable; sensitive to static discharges.
<b>Solubility</b>	Slightly soluble in water, miscible with alcohol
<b>Incompatibility with other substances</b>	Strong oxidizers

### PACKAGE & STORAGE

<b>Package &amp; storage</b>	Metal container, net 180 kg per container, store in dry and cool areas.
<b>Theoretic shelf life</b>	Over one year while stored in proper environment

### TOXICOLOGICAL PROPERTIES

Refer to MSDS of product.

*Note:* The information above is based on technical data provided by the manufacturer and those publications available. It is subject to change or update without notice.