



Bird Brand **GENUINE TURPENTINE** **SPECIFICATION**

Chemical name: mixture of terpenes, predominantly alpha and beta pinene.

CAS number: 8006-64-2

EINECS number: 2326885

Appearance:	clear liquid
Colour:	colourless to pale straw
Weight per ml (20°C):	0.855 - 0.868
Refractive index (20°C):	1.460 - 1.477
Non-volatile matter (%):	0 - 0.85
Kauri-Butanol value:	71
Flash point:	34°C
Viscosity (25° C, (cP)):	1.5
Solubility in 90% ethanol:	1:7
Solubility in 96% ethanol:	1:3
Optical rotation:	-25 to 30

Gc composition (typical):	
Alpha Pinene	51-57%
Beta Pinene	32-38%
Beta-Phellandrene	3-4.5%
Mycene	1%
Limonene	1-1.5%
Camphene	0.7-1.5%
Water	<0.1%

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

This product meets the requirements of BP 1998: Gum Spirits of Turpentine

O ring seal compatibility: Fluorocarbon (Viton)
Highly fluorinated elastomer (Hifluor)
Perfluorinated elastomer (Parofluor)

Full Material Safety Data Sheets are available from www.birdbrand.co.uk/msds.htm or alternatively please contact us at the details given below.

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