



PRODUCT DATA SHEET

SAVONOL – L

Light Liquid Paraffin (BP)

(Rev – Feb 2018)

Sales Specification

Characteristics	Specification	Typical Values
Characters	A Colourless, Transparent, oily liquid free from fluorescence in day light. Practically insoluble in ethanol (96%), miscible with hydrocarbons.	A Colourless, Transparent, oily liquid free from fluorescence in day light. Practically insoluble in ethanol (96%), miscible with hydrocarbons.
Identification Test A, B & C First identification A & C Second Identification B & C A) Examine by infrared absorption spectrophotometry	Comparing with the Ph. Eur. Reference spectrum of liquid paraffin	Complies
B) In a test tube boil 1ml with 1ml of 0.1 M sodium hydroxide for 30s. On cooling to the aqueous layer add 0.1ml of phenolphthalein solution R	The colour turns red	The colour turns red
C) Dynamic Viscosity at 20°C	25 mPas to 45 mPas	41 mPas
Acidity or Alkalinity To 10ml add 20ml boiling water shake for 1min. Separate the aqueous layer & filter. To 10ml filtrate add 0.1ml of phenolphthalein solution R. The solution is colourless.	Not more than 0.1ml of 0.1M sodium hydroxide is required to change the colour of the indicator to pink	Passes
Relative density at 20°C	0.825 to 0.840	0.838
Polycyclic aromatic hydrocarbons	Absorbance at 260 – 420nm is not greater than one third of absorbance at 275nm of the standard Napthalene solution (7 ug/ml)	Passes
Readily Carbonisable Substance	Acid does not become darker than standard colour	Passes
Solid Paraffin	Oil is clear to see black line of 0.5mm width	Passes
K. Viscosity at 40°C, cSt	18 - 22	20



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Flash Point, COC	190°C Min	192
Pour Point, °C	-18 Max	-24
Colour Saybolt	< 0.5	< 0.5

The test methods specified above, or their equivalent, will be used. Applicable sampling and testing methods are subject to change without notice and are available for review on request. The values indicated in this document may deviate from the test method requirements by the number of significant figures shown. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock.

This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of ASCC Pty Ltd as to the intended use.

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