

**EGGAR&CO(Chemicals)Ltd**

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**Technical Specification****HEAVY LIQUID WHITE OIL****Product Description:**

White Mineral Oils are highly refined, odourless, tasteless and have excellent colour stability. They are chemically and biologically stable and do not support bacterial growth. Their inert nature makes them easy to work with as they lubricate, soothe, soften and hold in moisture in formulations.

These oils can be found in a variety of product lines such as antibiotics, baby oils, lotions, creams, shampoos, sunscreens and tissues.

**Physical Properties:**

PROPERTY, UNIT	METHOD	SPECIFICATION	TYPICAL
Density at 20°C, kg/m <sup>3</sup>	ASTM D 1298	870 – 890	872
Kinetic Viscosity at 40 °C, mm <sup>2</sup> /sec	ASTM D 445	63 – 70	64
Kinetic Viscosity at 100 °C, mm <sup>2</sup> /sec	ASTM D 445	7 – 9	8.1
Dynamic Viscosity at 20 °C, mPa.s	ASTM D 445	-	203
Pourpoint, COC, °C	ASTM D 97	Max -9	-12
Flashpoint, °C	ASTM D 92	Min 205	215
Saybolt Colour	-	+ 30	+30
Odour and Taste	-	None	None
Carbonizable Substances	All Pharm.	Pass	Pass
U.V. Absorbance	All Pharm.	Pass	Pass
Polycyclic Aromatic Hydrocarbons (Polynuclear Compounds)	USP/NF/EUP	Pass	Pass
Neutrality	USP/NF/EUP	Pass	Pass
Solid Paraffins	USP/NF/EUP	Pass	Pass

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**Purity:**

This oil meets the purity requirements of all International Pharmacopoeias. Moreover it meets the requirements of the Food Industry in various countries, such as the Food and Drug Administration (FDA § 172.878), Lebensmittelgesetz, etc.

For and on behalf of EGGAR & Co (Chemicals) Limited

This certificate has been generated electronically and is valid unsigned

John Gibbins (Director)

Issued:- 16 April 2008

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