

Product Data Sheet

Carnation®

White Mineral Oil

Product Description

White Mineral Oils are highly refined, odorless and tasteless and have excellent color stability. They are chemically and biological stable and do not support bacterial growth. Their inert nature makes them easy to work with as they lubricate sooth, 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

Properties	Unit	Method	Specification	Typical
Density at 20°C	kg/m ³	ASTM D 4052	825-850	835
Kin. Viscosity at 40°C	mm ² /s	ASTM D 445	10-14	12.5
Kin. Viscosity at 100°C	mm ² /s	ASTM D 445	2-4	3.4
Dyn. Viscosity at 20°C	mPa.s	ASTM D 445		22
Pourpoint	°C	ASTM D 97	Max. -6	-9
Flashpoint, COC	°C	ASTM D 92	Min. 165	180
Saybolt Colour			Min. 30	+30
Odour			None	None
Readily Carbonisable Substances		All Pharm.	Pass	Pass
Polycyclic Aromatic Hydrocarbons (Polynuclear Compounds)		USP/NF/EUP	Pass	Pass
Acidity / Alkalinity		USP/NF/EUP	Pass	Pass
Solid Paraffins		USP/NF/EUP	Pass	Pass

Purity

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

Revision date: June 1, 2015

The information presented herein is based on the best data available and is believed to be correct. However, nothing stated in this bulletin is to be taken as a warranty, expressed or implied, regarding the accuracy of the information or the use of our product or products; nor shall anything contained herein be constructed to constitute a permission or recommendation to practice any invention covered by a patent owned by Sonneborn Refined Products B.V., any of its division, or by other, without a license from the owner of the patent