

VELVEX- Light Liquid Paraffins / Light White Mineral oils (PHARMA)

- Description** : VELVEX White Oils (Pharma) are severely refined hydro-cracked/ hydro treated White Mineral Oils of with highest degree of purity and are stabilized with suitable additives for oxidation/UV stability
- Quality compliance** :
- VELVEX White oil pharma grades fully conform to the requirements of US FDA 21 CFR 172. 878 for use in or on food for human consumption and USFDA 21 CFR 178.3620 (a) for use as a component of non-food articles intended for use in contact with food for human consumption.
 - Surpass the current requirements of NF, Indian Pharmacopoeia (IP), US Pharmacopoeia (USP), British Pharmacopoeia (BP), European Pharmacopoeia(Ph.Eur.) and other international Pharmacopoeia.
 - Surpasses the requirements of NSF & InS, under categories, 3H, H1 and HX-1, for direct and incidental food contact and as an ingredient for use in lubricants with incidental food contact.
 - Complies to Eu directive 2011/62/EU (Article 1-3b) & Annex I of Eu 10/2011.
- Packaging Option** : VELVEX White Oil offered in HDPE & MS drums also in bulk in flexi bags or ISO tanks
- Specific Requirements** : Custom viscosity ranges, density, additives etc shall be made on specific request.

Test Description	Test Method	VELVEX P 60	VELVEX P 70	VELVEX P 80	VELVEX P 100	VELVEX P 150
Appearance	Visual	Transparent clear, colourless, orderless, free from fluorescence in daylight & suspended impurities				
Colour,Saybolt	ASTMD156	+30	+30	+30	+30	+30
Weight per ml @25° C,gm/ml	IP	0.810-0.820	0.818-0.828	0.820-0.830	0.825-0.840	0.828-0.850
Relative Density @20° C	BP/Ph.Eur	0.814-0.824	0.822-0.832	0.824-0.834	0.829-0.844	0.832-0.854
Relative Density @25° C	USP	0.813-0.823	0.821-0.831	0.823-0.833	0.828-0.843	0.831-0.853
Kin. Viscosity @ 40° C ,cSt	ASTM D 445	7-11	11-14	14-17	19-23	27-33
Dy Viscosity @ 20° C, mPas	BP/IP	10-18	15-24	25-32	33-45	50-80
Flash Point, °C, min.	ASTM D 92	145	150	160	180	180
Pour Point, °C, max.	ASTM D 97	-15	-15	-15	-12	-12
Solubility	BP/Ph.Eur/IP	Passes	Passes	Passes	Passes	Passes
Readily Carbonisable substance	USP/BP/ Ph.Eur/IP	Passes	Passes	Passes	Passes	Passes
Solid Paraffins	-	Passes	Passes	Passes	Passes	Passes
Acidity/Alkalinity	BP/Ph. Eur/IP	Passes	Passes	Passes	Passes	Passes
Neutrality	USP	Passes	Passes	Passes	Passes	Passes
Sulphur Compounds	IP	Passes	Passes	Passes	Passes	Passes
Poly nuclear compounds/	USP/BP/Ph.	Passes	Passes	Passes	Passes	Passes
Polycyclic Aromatic Hydrocarbons	Eur/IP & US FDA 21 CFR	Passes	Passes	Passes	Passes	Passes
Conforms to USP/NF & USFDA21CFR 172.878&178.3620(a)	US FDA/USP	X (density lower per NF/USP limits	✓	✓	✓	✓
Conforms to IP/BP/Ph.Eur	IP/BP	x Viscosity lower per BP/Ph.Eur/	x Viscosity lower per BP/Ph.Eur/	✓	✓	✓

The Above data is indicative of recent average values only. Minor variations which do not affect product performance quality, may be expected in manufacture.

For Health & safety instructions : Refer MSDS

For Reach registration details : All products are REACH registered, Pls refer MSDS for more info.