



General n- paraffins



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The odourless nature, very low aromatic content, negligible residue on evaporation and general low impurity levels of our products makes them suitable for use as solvents in a wide range of applications where traditional solvents would not be considered, or have to be improved upon. Application range from the use as components in the preparation of tyres, rubber solutions, wood treatment products, adhesives, solvents for the extraction of seed oils, rolling oil applications, household cleaners, detergents and in various aerosols formulations.

These pure aliphatic paraffins also have relatively low evaporation. They are ideal for formulating quick-drying lacquers, paints, varnishes and inks where they are used as diluents and solvents. The high linearity of our aliphatic range also enables them to be used as raw materials in synthesis reactions such as in the production of chlorinated paraffins and linear alkylated benzenes (LAB).

In general, the unique properties of our synthetic n- paraffins namely, lack of colour and odour, the low toxicity, being readily biodegradable are sought after for environmentally conscious formulators covering a wide spectrum of applications.

Typical specifications of Sasol Wax n- paraffins

Properties	Units	Product				
		C5- C6	C7- C8	C9- C11	C12- C13	C14- C20
Flash point	°C	<-20	0	45	90	110
<i>Distillation:</i>						
Initial boiling point	°C	55	96	156	213	250
Dry point	°C	98	128	195	225	315
Appearance		Bright & clear	Bright & clear	Bright & clear	Bright & clear	Bright & clear
Colour	Saybolt	+25	+30	+30	+30	+30
Sulphur	mg/ kg	2 max	2 max	2 max	5 max	1 max
Evaporation rate*	90%	6.75	1.97	0.199	0.015	<0.015
	100%	5.1	1.78	0.139	n/ a	n/ a
Aromatics	mass %	0.1 max	0.1 max	0.1 max	0.5 max	0.5 max
KB value		27	27	25	22	19
Aniline point	°C	72	74	80	89	102
Pour point	°C	<-40	<-40	-30	-10	6

*relative to butyl acetate = 1

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