

LINPAR 1416V Paraffin



SASOL

Technical Data Sheet

Description

Sasol Chemicals LINPAR 1416V Paraffin is a high purity mixture of saturated alkanes in the C14 - C16 carbon range. It is high purity hydrogenated paraffin. It is a clear, water-white, oily liquid with a low viscosity. LINPAR 1416V Paraffin has an extremely low sulfur and nitrogen content.

Applications

Sasol Chemicals LINPAR 1416V Paraffin may be used in a wide array of applications including pesticide formulations, consumer products, lubricating oils, chemical process solvents, chloroparaffin manufacturing, secondary plasticizers, oilfield drilling fluids, indoor liquid lamp oil and metal rolling oils.

Properties

Typical physical properties are listed in the table to the right. Actual properties will vary from lot to lot.

Contact information

For technical information:

Product Steward

2201 Old Spanish Trail

Westlake, Louisiana 70669

Telephone: +1(337)494-4133

TDS.ProductSteward@us.sasol.com

For sales, pricing or samples,

contact a sales representative at:

Telephone: +1(281)588-3870

alkylates@us.sasol.com

Regulatory Compliance

If this material is used in a consumer product or in certain other specific applications, some exemptions may apply. Please contact a sales representative for more information on particular FDA regulations or for solvent status as an LVP-VOC for consumer products.

Typical properties	Method	LINPAR 1416V
Total n-paraffin, wt%		96.5 min.
C13 & lower		1 max.
C14	GC/UV	40 – 80
C15		20 – 35
C16		3 – 8
C17 & higher		1 – 2
Flash Point, (PM) °C (°F)		ASTM D-93
Freeze Point, °C (°F)	ASTM D-2386	6 (43)
Pour Point, °C (°F)	ASTM D-97	4 (39)
Specific Gravity @ 16°C/60°F	ASTM D-287	0.768 – 0.769
Density, lbs/gal @ 16°C/60°F	ASTM D-287	6.41 – 6.42
Average Molecular Weight	API	201
Aromatics, wt%	UV	0.5 max.
Color, Saybolt Universal	ASTM D-156	30
Relative Evaporative Rate (n-Butyl Acetate = 1)	ASTM D-3539	0.0012
Distillation Range, °C(°F)		
IBP	ASTM D-86	245 – 252 (473 – 486)
EP		
Vapor Pressure, torr @ 20°C/60°F	API, calc	0.1 max.
Viscosity, cSt @ 20°C/68°F @ 40°C/104°F	ASTM D-445	3.4 2.3
Aniline Point, °C (°F)	ASTM D-611	92 (198)
Kauri-Butanol Value	ASTM D-1133	21.3
Bromine Number	ASTM D-1159	0.04 max.
Nitrogen, ppm		1 max.
Sulfur, ppm		2 max.
CAS Number		90622-46-1

The preceding data is based on tests and experience, which Sasol Chemicals believes reliable, and is supplied for informational purposes only. Sasol Chemicals expressly disclaims any liability whatsoever for damage or injury which results from the use of the preceding data and nothing contained therein shall constitute a guarantee, warranty, or representation (including freedom from patent liability) by Sasol Chemicals with respect to the data, the product described, or its fitness for use for any specific purpose, even if that purpose is known to Sasol Chemicals. For detailed safety and handling information regarding these products, please refer to the respective Sasol Chemicals Safety Data Sheet. 07/16/19

Sasol Chemicals North America LLC

12120 Wickchester Lane, Houston, TX 77079-2990

Phone +1 (281)588-3000, info@us.sasol.com

www.sasolnorthamerica.com