



Description

Sasol Chemicals Sasol 47 Oil is a highly refined hydrocarbon with very low levels of polynuclear aromatics. It is a clear liquid with a medium flash point and mild odor. Sasol 47 Oil is a special blend of hydrocarbons.

Applications

Sasol Chemicals Sasol 47 Oil may be used in a wide array of applications including printing ink formulations, consumer products, lubricating oils, chemical process solvents, degreasers 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

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For sales, pricing or samples,

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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	Sasol 47 Oil
Distillation Range, °C (°F) IBP 95%	ASTM D-86	238 – 249 (460 – 480) 260 – 282 (500 – 540)
Normal Paraffin, wt%	GC/UV	17 – 25
Flash Point, (PM)°C (°F)	ASTM D-93	> 96 (205)
Pour Point, °C (°F)	ASTM D-97	-25 (-13)
Specific Gravity @ 16°C/60°F	ASTM D-287	0.800 – 0.825
Density, lbs/gal @ 16°C/60°F	ASTM D-287	6.68 – 6.88
Average Molecular Weight	API	196
Aromatic - BTEX, ppm	EPA 8260B	ND*
Color, Saybolt Universal	ASTM D-156	15 min.
Relative Evaporative Rate (n-Butyl Acetate = 1)	ASTM D-3539	0.01 max.
Vapor Pressure, torr @ 20°C/68°F	API, calc	0.1 max.
Viscosity, cSt @ 20°C/68°F @ 40°C/104°F	ASTM D-445	3.7 – 3.9 2.4 – 2.5
Aniline Point, °C (°F)	ASTM D-611	81 (178)
Kauri-Butanol Value	ASTM D-1133	27
Solubility parameters, (MPa) ^{1/2}	Calculated	15.7
Bromine Number	ASTM D-1159	0.2 max.
Nitrogen, ppm		1 max.
Sulfur, ppm		1 max.
Water, ppm	Karl-Fischer	50 max.

* - detection limit 36 ppb

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