



Description

Sasol Chemicals ODC Oil is a high-purity mixture of hydrotreated isoparaffins and naphthenics with very low levels of polynuclear aromatics. It is a clear liquid with a medium flash point and mild odor.

Applications

Sasol Chemicals ODC Oil applications include oilfield drilling fluids, frac fluids and mining.

Properties

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

Contact information

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For sales, pricing or samples,
 contact a sales representative at:
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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. This product is classified as non-regulated per DOT regulations.

Typical properties	Method	ODC Oil
Distillation Range, °F		
IBP		350 – 370
10%	ASTM D-86	385 – 395
90%		465 – 475
95%		480 – 490
EP		390 – 540
Flash Point, (Tag CC) °C (°F)	ASTM D-56	> 60 (140)
Freeze Point, °C (°F)	ASTM D-2386	< -67 (-90)
Pour Point, °C (°F)	ASTM D-97	< -68 (-90)
Specific Gravity @ 16°C/60°F	ASTM D-287	0.80 - 0.82
Density, lbs/gal @ 16°C/60°F	ASTM D-287	6.68 – 6.84
Average Molecular Weight	API	172 – 176
Aromatic - BTEX, ppm	EPA 8260B	ND*
Color, Saybolt Universal	ASTM D-156	> 25
Relative Evaporative Rate (n-Butyl Acetate = 1)	ASTM D-3539	0.02
Vapor Pressure, torr @ 20°C/68°F	API, calc	0.16
Viscosity, cSt		
@ 20°C/68°F	ASTM D-445	2.3 – 2.4
@ 40°C/104°F		1.3 – 1.6
Aniline Point, °C (°F)	ASTM D-611	70 (158)
Kauri-Butanol Value	ASTM D-1133	28 – 32
Bromine Number	ASTM D-1159	< 0.2
Nitrogen, ppm		< 1
Sulfur, ppm		< 1
Water, ppm	Karl-Fischer	< 50

* - detection limit 36 ppb

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