

SecondSource Drilling Fluid



TYPICAL PERFORMANCE DATA

PROPERTY	SECONDSOURCE
Chemical & Physical Properties (Based on Analytical Data)	
Flash Point, °C	101
Hazardous Material Label Combustible Liquid (OSHA)	No
Paraffin Content, Weight %	> 99.9
Total BTEX	0.0014% Max
Polynuclear Aromatics, ppm	< 10
Density @ 15°C, kg/L	0.80
Viscosity, cSt @ 40°C	2.3
Colour	< 1 Water White
Aniline Point, °C	81
Pour Point, °C	-62
Approximate Toxicological Summary (Based on Original Fluid Properties)	
Marine Amphipod Toxicity, LC ₅₀ mg/kg	> 1400
Bioconcentration Factor (BCF)	< 3 (dry wt)
Biodegradability, %	> 60 (Readily Biodegradable)
Meets UK CEFAS Offshore "E" Classification Criteria	Yes
Approximate Human Health & Safety Summary (Based on Original Fluid Properties)	
Meets USFDA White Oil Criteria	Yes
Chemical Abstract Service Number (CAS #)	445411-73-4
Primary Dermal Irritation/Corrosion	Dermal irritant but not corrosive
Acute Inhalation Toxicity, LC ₅₀ mg/L	> 5 mg/L
Mutagenicity	Negative
Potential Carcinogenic Label	No

The values quoted above are estimates of typical and normal production. They do not constitute a specification. Some properties/values are based on an independent, third-party analysis of the recovered fluid versus the original virgin base fluid, and not on analytical data.



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