



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362  
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www.hi-tecoils.com.au

## PRODUCT DATA SHEET

### NAROCUT PARTS WASH

#### PRODUCT DESCRIPTION

**Hi-Tec Narocut Parts Wash** is a special Kerosene-cut with a mixture of paraffins, naphthenics, and aromatics that gives the solvent its increased solvency power. The higher boiling range results in a high flash point, low evaporation rate, and low vapor pressure. It is widely used in solvent extraction applications primarily in the mining industry, and also used in a range of cleaning and compounding applications. This product is insoluble in water and therefore not miscible.

#### SALES SPECIFICATIONS

Property	Unit	Min	Max	Method
Distillation, FBP	°C	230	275	ASTM D86
Aromatics	%v/v	8		ASTM D1319
Flash Point (PMCC)	°C	80		ASTM D93
Viscosity @40°C	mm <sup>2</sup> /s	1.60	2.00	ASTM D445

#### STORAGE AND HANDLING

Provided proper storage and handling precautions are taken we would expect **Hi-Tec Narocut Parts Wash** to be technically stable for at least 12 months. For detailed advice on Storage and Handling please refer to the Material Safety Data Sheet.

#### HAZARD INFORMATION

For detailed Hazard Information please refer to the Material Safety Data Sheet



AUSTRALIAN FAMILY OWNED SINCE 1989





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### TYPICAL PROPERTIES

Property	Unit	Method	Value
API Gravity	-	ASTM D4052	41.5
Density @ 15 °C	kg/l	ASTM D4052	0.818
Density @ 15.6 °C	kg/l	ASTM D4052	0.817
Specific Gravity @ 15.6 °C	-	ASTM D4052	0.818
Cubic Expansion Coefficient @ 20°C	(10 <sup>-4</sup> /°C)	Calculated	8
Refractive Index @ 20°C	-	ASTM D1218	1.456
Colour	Saybolt	ASTM D156	+15
Distillation, IBP	°C	ASTM D86	212
Distillation, 10%v	°C	ASTM D86	220
Distillation, 50%v	°C	ASTM D86	229
Distillation, 90%v	°C	ASTM D86	250
Distillation, EP	°C	ASTM D86	271
Relative Evaporation Rate (nBuAc=1)	-	ASTM D3539	<0.01
Vapour Pressure @ 20°C	kPa	Calculated	0.01
Saturation Vapour Concentration @ 20°C	g/m <sup>3</sup>	Calculated	0.8
Paraffins	% m/m	GC	42
Naphthenes	% m/m	GC	43
Aromatics	% m/m	GC	15
Sulphur	Mg/kg	ISO 20846	100
Flash Point	°C	ASTM D93	87
Explosion Limit: Lower	%v/v	-	0.6
Explosion Limit: Upper	%v/v	-	5.5
Electrical Conductivity @ 20°C	pS/m	ASTM D4308	<1
Aniline Point	°C	ASTM D611	70
Kauri-Butanol Value	-	ASTM D1133	38
Pour Point	°C	ASTM D97	<-30
Surface Tension @ 20°C	mN/m	Du Nouy ring	26
Viscosity @ 25°C	mm <sup>2</sup> /s	ASTM D445	2.50
Viscosity @ 40°C	mm <sup>2</sup> /s	ASTM D445	1.92
Hildebrand Solubility Parameter	(cal/cm <sup>3</sup> ) <sup>1/2</sup>	-	7.8
Hydrogen Bonding Index	-	-	0.5
Fractional Polarity	-	-	0
Molecular Weight	g/mol	-	183



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## PRODUCT DATA SHEET

### Available in:

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au). Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)"

**Item code:** HI8-3305

**Effective:** November 2015

**Expires:** November 2017

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