CALUMET
SPECIALTY PRODUCTS PARTNERS, L.P.

NatSol™ RENEWABLE SOLVENTS

NatSol™ renewable solvents are made from 100% bio-based materials. These all-natural products can be used directly in formulations or blended with traditional solvents. They are a great fit to drive sustainability focused solutions.

The high purity of our renewable solvents makes them attractive choices for many applications. They are fully saturated and have ultra-low aromatics for good regulatory compliance. NatSol renewable solvents deliver excellent consistency with their narrow distillation.

TYPICAL PROPERTIES

PROPERTIES	METHOD	NatSol SPIRITS	NatSol HEXANE	NatSol HEPTANE	NatSol 210-245	NatSol VM&P	NatSol 420-570
API Gravity @ 60 °F	ASTM D4052	91.8	80.8	73.6	67.6	65.3	49.1
Specific Gravity @ 60/60 °F	ASTM D1250	0.6337	0.6665	0.6899	0.7107	0.7190	0.7835
Density @ 60 °F (Pounds Per Gallon)	ASTM D1250	5.283	5.557	5.752	5.925	5.990	6.532
Color, Saybolt	ASTM D156	30	30	30	30	30	30
Viscosity @ 40 °C (cSt)	ASTM D445	-	-	-	-	0.84	3.08
Flash Point PMCC (°F)	ASTM D93	-	-	-	-	66.0	207.0
Aniline Point (°F)	ASTM D611	-	151.5	157.2	159.7	160.5	204.8
Distillation, IBP (°F)	ASTM D86	90.0	150.0	196.0	231.0	260.0	420
Distillation, 50% (°F)	ASTM D86	107	154	203	238	267	550
Distillation, Dry Point (°F)	ASTM D86	141	156	206	243	286	585
Sulfur (ppm)	ASTM D4294	0.1	0.0	0.0	0.1	0.2	0.7
Kauri-Butanol Value	ASTM D1133	27.0	29.1	29.1	28.2	29.1	19.2
Aromatics, Wt%	GC	0.00	0.00	0.00	0.06	0.06	0.04

APPLICATIONS

- Adhesives
- Aerosols
- Camp Fuel
- Cleaners
- Extraction Fluids
- Lighter Fluids
- Metalworking Fluids
- Paints & Coatings
- Process Fluids
- Rubber Solvent
- Silicone Sealants

TECHNICAL ASSISTANCE

For product or technical questions, contact your Sales Representative or Calumet Product Support at (800) 437-3188 or email technical@calumet.com.

Calumet's sampling and testing procedures in effect at the time of production will be used for certification testing. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. Typical values only represent the values one would expect if the property were tested in our laboratories with our test methods on the specified date. Some product properties are not frequently measured, and accordingly typical values are not based on a statistically relevant number of tests. The information in this document relates only to the named product. The user is solely responsible for all determination regarding any use and any process.

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