



**Product Description :** CITGO 's Special Naphtholite 66/3 (low aromatic VM&P) is a low boiling aliphatic solvent consisting primarily of C8-C9 saturated hydrocarbons. CITGO 's Special Naphtholite is hydro-treated to reduce aromatics and olefins and meets the definition of non-photochemically reactive as defined by 66/3 Rule requirements. Meets ASTM D-3735, Type IV Specifications. See MSDS for safety /regulatory information. (Rev. 7/21/2006)

Property Description	Units	Specifications	Typical Properties	*ASTM Test Method
ACIDITY (AS ACETIC ACID)	WT%	0.0010 MAX	< 0.0010	D-1613
ACIDITY OF RESIDUE			NEUTRAL	D-1093
ANILINE POINT	DEGF	150 MAX	140	D-611
API GRAVITY (60/60 F)	DEG API		54.3	D-287
AROMATIC CONTENT	VOL%	1.0 MAX	0.5	GC
BENZENE CONTENT	VOL%		<0.002	GC
COLOR, SAYBOLT		+28 MIN	+30	D-156
CORROSION, 3 HRS @ 212 F		1.2 (1B) MAX	1.1 (1A)	D-130
CYCLOPARAFFINS	VOL%		67	GC
DENSITY @ 60 F (15.6 C)	LB/GAL		6.34	D-287
DISTILLATION, IBP	DEGF	250 MIN	265	D-86
DISTILLATION, 50%	DEGF		274	D-86
DISTILLATION, DP	DEGF	300 MAX	291	D-86
DOCTOR TEST		NEGATIVE	NEGATIVE	D-235
ETHYL BENZENE	VOL%		0.09	GC
EVAPORATION RATE(nBUAC=1)			1.0	D-3539
FLASH POINT (TCC)	DEGF	50 MIN	69	D-56
KAURI-BUTANOL VALUE (KB)			36	D-1133
NONVOLATILE RESIDUE	g/100 ml		< 0.001	D-1353
OLEFINS	VOL%		< 0.1	D-1159
PARAFFINS	VOL%		33	GC
REFR INDEX (TYPICAL@ 20 C)			1.4198	D-1218
SOLUBILITY PARAMETER	(cal/cc) <sup>1/2</sup>		7.7	
SPECIFIC GRAVITY (60/60 F)		0.750-0.770	0.7616	D-287(cal'd)
SULFUR CONTENT	PPM	5 MAX	< 1	D-4045
VAPOR PRESS, ISOTEN @68F	TORR		2.8	D-2879
VAPOR PRESSURE @ 20 C	TORR		11.0	D-5191
VISCOSITY @ 20 C	cSt		0.786	D-445

\* American Society for Testing and Materials

7/21/2006



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## **Limitations of Warranty & Liability**

Seller warrants its product will meet the specifications listed herein and it has good title to the product, free and clear of all liens and security interests; SELLER MAKES NO OTHER WARRANTY, WHETHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer or user accepts liability for determining if the product is suitable for Buyer's or user's intended use. Any recommendation as to use made by Seller is done so at Buyer's or user's risk.

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Buyer acknowledges receipt of a Material Safety Data Sheet for the product and that the product may require special handling, storage, transportation, treatment or use to comply with applicable safety and environmental standards and will take all necessary action to comply therewith. Buyer further agrees to properly label the product if it is repackaged or resold and pass on all safety information and hazard warnings to its employees, purchasers, and users and their employees.

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