

19043 H E P T A N E



Revision 03/2018

CITGO Heptane is an aliphatic solvent consisting of primarily C7 saturated hydrocarbons. CITGO Heptane is severely hydrotreated to remove aromatics and olefins and meets the definition of non-photochemically reactive as defined by 66/3 Rule requirements. See the Safety Data Sheet for safety and regulatory information.

Property Description	Units	Specification	Typical Property	ASTM Method
ANILINE POINT	DEGF	140 MIN	154	D611
API GRAVITY (60/60 F)	DEG API		71.2	D287 OR D4052
APPEARANCE			CLEAR	
AROMATIC CONTENT	WT %	0.10 MAX	0.1	GC
BENZENE CONTENT	WT %		<0.01	GC
COLOR, SAYBOLT		+28 MIN	+30	D156
CORROSION, 3 HRS @ 122 F		1 (B) MAX	1 (A)	D130
DENSITY @ 60 F (15.6 C)	LB/GAL		5.82	D287 (CALC'D)
DISTILLATION, IBP	DEGC	92.3 MIN	93.1	D1078
DISTILLATION, 50%	DEGC		94.3	D1078
DISTILLATION, DP	DEGC	99.9 MAX	98.9	D1078
DOCTOR TEST		NEGATIVE	NEGATIVE	D-235
FLASH POINT (TCC)	DEGC		<20	D56
KAURI-BUTANOL VALUE (KB)			29	D1133
NON-VOLATILE RESIDUE	G/100 ML		<0.001	D1353
n-HEPTANE	WT%		33	GC
OLEFINS	PPM	25 MAX	6	D-1159
SPECIFIC GRAVITY (60/60 F)		0.690 – 0.710	0.6982	D287 (CALC'D)
SULFUR CONTENT	PPM	5 MAX	<1	D5453
WATER	PPM		35	D6304



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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.

Buyer shall assume all risk and liability for and shall defend, indemnify, and hold Seller harmless from and against all claims, liabilities, costs, and expenses arising from or connected with the possession, transportation, handling, unloading, storage, processing or use of the product alone or in combination with other substances. Buyer's exclusive remedy and Seller's exclusive liability for damages under contract, tort, strict liability, negligence, or otherwise, shall be limited at Seller's option to the refund of the purchase price or the replacement of the product. In no event shall Seller be liable for incidental, indirect, special, or consequential damages.

Buyer acknowledges receipt of a 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.
