

# 19035 NON EXEMPT MINERAL SPIRITS



Revision 06 / 2019

CITGO Non Exempt Mineral Spirits is medium-boiling aliphatic solvent consisting primarily of C9-C12 hydrocarbons. CITGO NEMS is a clear, colorless, combustible liquid that is miscible with most common organic solvents and has a mild naphtha odor. Specifications and typical properties are listed below. See the Safety Data Sheet for additional safety and regulatory information.

Property Description	Units	Specification	Typical Property	ASTM Method
ANILINE POINT	DEGF	143 MAX	130	D611
API GRAVITY (60/60 F)	DEG API		47	D287 OR D4052
APPEARANCE			CLEAR	
COLOR, SAYBOLT		+28 MIN	+30	D156
CORROSION, 3 HRS @ 212 F		1 (B) MAX	1 (A)	D130
CUMENE	WT%		0.2	GCMS
DENSITY @ 60 F (15.6 C)	LB/GAL		6.61	D287 (CALC'D)
DISTILLATION, IBP	DEGF	300 MIN	315	D86
DISTILLATION, 50%	DEGF	355 MAX	344	D86
DISTILLATION, DP	DEGF	425 MAX	413	D86
DOCTOR TEST		NEGATIVE	NEGATIVE	D235
ETHYL BENZENE	WT%		0.11	GC
FLASH POINT (TCC)	DEGF	105 MIN	110	D56
KAURI-BUTANOL VALUE (KB)			39	D1133
NAPHTHALENE	WT%		0.4	
REFR. INDEX (TYPICAL @ 25C)			1.4174	D1218
SPECIFIC GRAVITY (60/60 F)			0.7927	D287 (CALC'D)
SULFUR CONTENT	PPM	10 MAX	<1	D5453
TOTAL AROMATICS	VOL%	8-22	16	D1319
WATER	PPM		40	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 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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