

19027 MINERAL SPIRITS 150 66/3



Revision 06/2019

CITGO Mineral Spirits 150 66/3 is a medium boiling range solvent having a flash point of 148 degrees F or greater. Mineral Spirits 150 66/3 is hydrotreated to reduce both aromatic hydrocarbons and olefins, and meets the definition of non-photo chemically-reactive as defined by Rule 66/3 requirements. Meets ASTM D235 Specification for Type II, Class C, High Flash Point, Low Aromatic Mineral Spirits. See the Safety Data Sheet for safety and regulatory information.

Property Description	Units	Specification	Typical Property	ASTM Method
ACIDITY OF RESIDUE			NEUTRAL	D1093
ANILINE POINT	DEGF	170 MAX	159	D611
API GRAVITY (60/60 F)	DEG API	40 MIN	45.6	D287 OR D-4052
APPEARANCE			CLEAR	
AROMATIC CONTENT	VOL %	1.0 MAX	<0.1	D3257
BENZENE CONTENT	VOL %		<0.01	D3257
BROMINE NUMBER		0.1 MAX	<0.05	D1159
COLOR, SAYBOLT		+28 MIN	+30	D156
CORROSION, 3 HRS @ 212 F		1 (B) MAX	1 (A)	D130
DENSITY @ 60 F (15.6 C)	LB/GAL		6.65	D287 (CALC'D)
DISTILLATION, IBP	DEGF	350 MIN	385	D86
DISTILLATION, 50%	DEGF	395 MAX	389	D86
DISTILLATION, DP	DEGF	410 MAX	406	D86
FLASH POINT (TCC)	DEGF	148 MIN	151	D56
KAURI-BUTANOL VALUE (KB)			31	D1133
NON-VOLATILE RESIDUE	G/100 ML		<0.001	D1353
REFR. INDEX (TYPICAL @ 25C)			1.4319	D1218
SPECIFIC GRAVITY (60/60 F)		0.768-0.820	0.7992	D287 (CALC'D)
SULFUR CONTENT	PPM	5 MAX	<1	D5453
VAPOR PRESS, ISOTEN @68F	TORR		2.8	D2879
WATER	PPM		45	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.
