



Ethanol SOF 663 200

Product Specification - Version 5a

Formulation	Amount	Lbs	Wt%
Ethanol 200pf	80.95 usg	535.07 lbs	80.92
IPA	4.05 usg	26.62 lbs	4.03
IPA	14.00 usg	92.08 lbs	13.93
n-Propyl Acetate	1.00 usg	7.43 lbs	1.12
		661.20 lbs	100.00
Resultant Volume @ 60F per 27CFR	100.00 usg		

Specifications	Target	Minimum	Maximum	Test Method
Density @ 60F (lbs/gal)	6.612	6.599	6.629	ASTM D4052
Specific Gravity @ 60/60F	0.7938	0.7924	0.7960	ASTM D891
Suspended Matter (visual)		Free of suspended matter		ASTM D3741
Color (Pt-Co)			5	ASTM D5386/D1209
Odor		Characteristic		ASTM E769
Acidity as Acetic Acid (wt%)			0.005	ASTM D1613
Non-Volatile Matter (g/100ml)			0.005	ASTM D1353
Water Content (wt%)			0.1	ASTM D1364
Gas Chromatography Analysis (wt% Anhydrous Basis)				
Ethanol	80.92	79.56	82.20	ASTM E1100
IPA	17.95	16.78	19.21	ASTM E1100
n-Propyl Acetate	1.12	1.02	1.24	ASTM E1100

Notes: None

Reason for revision:

Version 2a dated 7/1/06 GAT– New format.

Version 4a dated 12/25/06 GAT – Specification layout revised for posting on website.

Version 5a dated 11/5/13 GAT – Color D5386/D1209

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