



PRODUCT SPECIFICATIONS

SDA 38F, 190 Proof

Version 1

(Ethanol denatured with Peppermint Oil, Poly Sorbate 80 and Spearmint Oil)

Grain Derived Ethanol

Main Catalog #: 12338FV1190-size code*

Available in the following sizes:

*Refer to Master Price List – Individual package sizes have unique size codes

Product Specifications	Limits	Result
Ethanol, 190 Proof	98.55% (w/w)	Per Production Records
Additives	1.45% (w/w)	Per Production Records
Specific Gravity at 20C	Lot Analysis	0.8143
Odor	Typical	Pass
Appearance	Free of Sediment	Pass

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DENATURANTS FORMULA

DENATURANT	AMOUNT
Peppermint Oil	4.0 lb/100 gallons
Poly Sorbate 80	3.5 lb/100 gallons
Spearmint Oil	2.5 lb/100 gallons

TTB Authorized Uses:

As a solvent: mouth washes, external pharmaceuticals (not U.S.P. or N.F.)

Miscellaneous uses: product development and pilot plant uses (own use only).

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.