



## 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

Form SDA38F-190, Version 1, Rev. 1.2, 08/15, KD

### 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

#### 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.