



**PRODUCT SPECIFICATION SHEET**  
**Specially Denatured Alcohol 38B-2 / 190 Proof**  
**(Ethanol denatured with Oil of Cassia (Cinnamon Oil))**

*Grain Derived Ethanol*

Catalog Number / Product Code: 12338B02190-Size Code\*

Available in the following sizes:

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

TEST	SPECIFICATION	TYPICAL RESULT
Ethanol, 190 Proof	98.55% (w/w)	Pass
Oil of Cassia (Cinnamon Oil)	1.45% (w/w)	Pass
Specific Gravity	Lot analysis @ 20C	0.8139
Specific Gravity	0.8160 – 0.8190 @ 15.56C	0.8170
Odor	Typical	Pass
Appearance	Free of sediments	Pass

Form: SDA 38B-02, 190, Rev. 4.7, 01/21, MAL

**DENATURANTS FORMULA**

DENATURANT	AMOUNT
Oil of Cassia (Cinnamon Oil)	10.0 lb/100 gallons

**TTB Authorized Uses:**

**As a solvent: Hair and scalp preparations; Bay rum; Lotions and creams (hand, face, and body); Deodorants (body); Perfumes and perfume tinctures; Toilet waters and colognes; Dentifrices; Mouth washes; Shampoos; Soap and bath preparations; External pharmaceuticals, not U.S.P. or N.F; Liniments, U.S.P. or N.F; Antiseptic solutions, U.S.P. or N.F; Miscellaneous external pharmaceuticals, U.S.P. or N.F; Miscellaneous drug processing (including manufacture of pills); Disinfectants, insecticides, fungicides, and other biocides; Sterilizing and preserving solutions; Theater sprays, incense, and room deodorants;**

**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.