



THE POWER OF THREE<sup>3</sup>

**PHARMCO-AAPER**

AND COMMERCIAL ALCOHOLS

**PRODUCT SPECIFICATION SHEET**  
**Specially Denatured Alcohol 38B-02 / 200 Proof**  
**(Ethanol denatured with Oil of Cassia)**

Catalog Number / Product Code: 12338B02200-Size Code\*

Available in the following sizes:

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

TEST	SPECIFICATION	TYPICAL RESULT
Ethanol, 200 Proof	98.51% (w/w)	Pass
Oil of Cassia	1.49% (w/w)	Pass
Apparent Specific Gravity	Lot analysis @ 20C	0.7922
Apparent Specific Gravity	0.7940-0.7980 @15.56C	0.7953
Appearance	Free of sediments	Pass
Odor	Typical	Pass

DENATURANTS FORMULA

Form: SDA 38B-02, 200, #101, Rev.4.4, 6/08, SAK

DENATURANT	AMOUNT
Oil of Cassia	10.0 lb/100 gallons

**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).

E. Frenkel, Director of Quality Control

**Disclaimer:** For Industrial, Pharmaceutical, Flavor & Fragrance or Lab Use. Not intended for use as an active substance in Food or Drug. Not to be considered a Medical Device. Not intended for use as a Disinfectant as defined by the EPA. The appropriate use of this product is the sole responsibility of the user. (Rev. # disclaimer only, rev 3.3 10/05/05 PD)

An ISO 9001:2000  
Certified Company

Pharmco Products Inc. 58 Vale Road, Brookfield, CT 06804 1-800-243-5360 www.pharmco-prod.com  
Aaper Alcohol & Chemical Co., Inc. 1101 Isaac Shelby Drive, Shelbyville, KY 40065 1-800-456-1017 www.aaper.com

DOT INFORMATION

Alcohol, n.o.s.  
Hazard Class: 3

UN 1987 PG II  
Ethanol CAS No. 64-17-5  
Cinnamic Aldehyde CAS No. 104-55-1

DSP-CT-18



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**PHARMCO-AAPER**

AND COMMERCIAL ALCOHOLS

# SDA 38B-2, 200 Proof (Ethanol denatured with Cassia Oil)

Catalog No: 12338B200

55 Gallon (363.5 Lbs)

SDA 38B (Cinnamom) 200-55g/114g/114g/114g Rev 10/08

To every 100 gallons of Ethanol, add 10 pounds of Cassia Oil

TEST	SPECIFICATIONS	TYPICAL
Specific Gravity @ 20C	Lot Analysis @ 20C	Per Lot
Appearance	Clear Liquid	Pass
Odor	Characteristic	Pass

**Formula:**

Ethanol 200 Proof	98.51% (w/w)
Additives	1.49%(w/w)

LOT NO: 0401144-SD38B  
BATCH NO: 04021-06  
SERIAL NO: 402630

WINE GALLON: 55.0  
PROOF: 200  
NET WEIGHT: 363.5 Lbs

Fill Date:

Recommended Retest Date:

DANGER: FLAMMABLE LIQUID & VAPOR. Keep away from all sources of ignition. Improper Exposure Can Result in Injury or Death! Wear all recommended protective equipment. Refer to MSDS for additional information.\*

FOR INDUSTRY/PHARMA/LAB USE ONLY. Not intended as an active substance in Food or Drug. Not to be considered a Med. Device. Not intended for use as a Disinfectant as defined by the EPA.\*

REFER TO MSDS PRIOR TO USE. Use Only Under Appropriate Conditions. Use Only Under Trained Supervision.\*

STORAGE AND HANDLING: Keep in a cool, dry place. Do not expose to direct sunlight. Use only with proper personal protective equipment and ventilation. Refer to MSDS for additional information.\*

FIRST AID: SEEK IMMEDIATE MEDICAL ATTENTION. REFER TO MSDS FOR APPROPRIATE FIRST AID FOR THIS CHEMICAL.\*

**SHIP TO:**

SORENCO LABORATORIES INC  
2323 SOUTH WEST TEMPLE  
SALT LAKE CITY, UT 84115  
PO#010465



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