



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

**PHARMCO-AAPER**

AND COMMERCIAL ALCOHOLS

**PRODUCT SPECIFICATION SHEET**  
**Specially Denatured Alcohol 38B-31 / 200 Proof**  
**(Ethanol denatured with Cedar Leaf Oil)**

Catalog Number / Product Code: 12338B31200-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
Cedar Leaf Oil	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-31, 200, #101, Rev.4.4, 6/08, SAK

DENATURANT	AMOUNT
Cedar Leaf Oil	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  
 Cedar Leaf Oil CAS 8007-20-3

DSP-CT-18



**SHIP TO:**

XXXXXXXXXX  
 XXXXXXXXXXXX  
 XXXXXXXXXXXX  
 XXXXXXXXXXXX  
 XXXXXXXXXXXX

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**PHARMCO-AAPER**  
 AND COMMERCIAL ALCOHOLS

**SDA 38B-31, 200 Proof**  
 (Ethanol denatured with Cedar Leaf Oil)

Catalog No: 12338B31200

55 Gallon (364 Lbs)

Formula: To every 100 gallons of Ethanol, add 10 pounds of Cedar Leaf Oil

TEST	SPECIFICATIONS	TYPICAL
Ethanol, 200 Proof	98.51 (wt/wt%)	Pass
Additives	1.49 (wt/wt%)	Pass
Apparent Specific Gravity	Lot analysis @ 20°	0.7922
Apparent Specific Gravity	0.7960 @15.56C	0.7953
Appearance	Free of Sediment	Pass
Odor	Typical	Pass

LOT NO: XXXXXXXXXXXX  
 BATCH NO: XXXXXXXXXXXX  
 SERIAL NO: XXXXXXXXXXXX

WINE GALLON: 55.0  
 PROOF: 200  
 NET WEIGHT: 364 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.\*

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

**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.\*

**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.\*

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



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 Certified Company

58 Vale Road, Brookfield, CT 06804 1101 Isaac Shelby Drive, Shelbyville, KY 40065  
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www.pharmcoaaper.com



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