



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

**PHARMCO-AAPER**

AND COMMERCIAL ALCOHOLS

**PRODUCT SPECIFICATION SHEET**  
**Specially Denatured Alcohol 38B-13 / 200 Proof**  
**(Ethanol denatured with Lavender Oil)**

Catalog Number / Product Code: 12338B13200-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
Lavender 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-13, 200, #101, Rev.4.5, 6/08, SAK

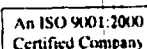
DENATURANT	AMOUNT
Lavender Oil	10.0 lb/100 gallons

**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)



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, D.S.  
**Hazard Class: 3**  
 UN 1987 PG II  
 Ethanol CAS No. 64-17-5  
 Denaturants  
**DSP-CT-18**



**FLAMMABLE LIQUID**

CHEMTREC NO.

1-800-424-9300

3

**SHIP TO:**



58 Vale Road, Brookfield, CT 06804 1101 Isaac Shelby Drive, Shelbyville, KY 40065  
 P 800-243-5360 F: 203-740-3481 P 800-456-1017 F: 502-633-0685  
 www.pharmco-aaper.com

An ISO9001:2000  
 Certified Company



THE POWER OF THREE<sup>3</sup>  
**PHARMCO-AAPER**  
 AND COMMERCIAL ALCOHOLS

**SDA 38B-13, 200 Proof**  
**Ethanol Denatured with Lavender Oil**

55 Gallon

CATALOG NO: 12338B13200

SDA 38B (Denaturant) 200-5gal-14ml-11m Rev 10/08

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

TEST	SPECIFICATIONS	TYPICAL
Apparent Specific Gravity @ 20C	Lot Analysis	0.7922
Apparent Specific Gravity @ 15.56C	0.7950 - 0.7980	0.7953
Appearance	Clear, free of sediments	Pass
Odor	Characteristic	Pass
<b>Formula:</b>		
Ethanol 200 Proof	98.51% (w/w)	
Additives	1.49% (w/w)	

LOT NO:  
 BATCH NO:  
 SERIAL NO:  
**WINE GALLON: 55.0**  
**PROOF: 200**  
**NET WEIGHT: 364.0 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.\*

