



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

**PHARMCO-AAPER**

AND COMMERCIAL ALCOHOLS

**PRODUCT SPECIFICATION SHEET**

**Specially Denatured Alcohol 38B-77 / 200 Proof**

*(Ethanol denatured with Spearmint Oil, Peppermint Oil, and Menthol Crystals)*

Main Catalog #: 12338B77B200-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% (v/v)	Pass
Additives	1.49% (v/v)	Pass
Apparent Specific Gravity	Lot analysis @ 20C	0.7922
Apparent Specific Gravity	0.7940 – 0.7980 @ 15.56C	0.7953
Appearance	Clear, free of sediments	Pass
Odor	Typical	Pass

Form: SDA 38B-77, 200, #101, Rev. 4.5, 6/08, SAK

**DENATURANTS FORMULA**

DENATURANT	AMOUNT
Peppermint Oil	3.5 lbs/100 gallons
Spearmint Oil	3.5 lbs/100 gallons
Menthol Crystals	3.0 lbs/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)

DOT INFORMATION  
 Alcohol, n.o.s.  
 Hazard Class: 3  
 UN 1987 PG II  
 Ethanol CAS No. 64-17-5  
 Spearmint Oil CAS 8008-79-5  
 Peppermint Oil CAS 8006-90-4  
 Menthol CAS 89-78-1

DSP-CT-18



**SHIP TO:**

XXXXXXXXXX  
 XXXXXXXXXXXX  
 XXXXXXXXXXXX  
 XXXXXXXXXXXX  
 XXXXXXXXXXXX



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**PHARMCO-AAPER**  
 AND COMMERCIAL ALCOHOLS

# SDA 38B-77, 200 Proof

(Ethanol denatured with Spearmint Oil, Peppermint Oil and Menthol Crystals)

Catalog No:12338B77200

55 Gallon (364 Lbs)

To every 100 gallons of Ethanol, add 3.5 pounds of Spearmint Oil and 3.5 pounds of Peppermint Oil and 3 pounds of Menthol Crystals

SDA 38B 77 200-55gal Master Unit Rev. 12/08

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.\*

**pharmco**  
 PRODUCTS INC  
 ABSOLUTE PURITY

**AAPER**  
 ABSOLUTE VALUE

An ISO9001:2000  
 Certified Company

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