



THE POWER OF SHELL

PHARMCO-AAPER
AND COMMERCIAL ALCOHOLS

PRODUCT SPECIFICATION SHEET
Specially Denatured Alcohol 38B-18 / 200 Proof
(Ethanol denatured with Spearmint, Peppermint, and Menthol)

Catalog Number / Product Code: 12338B18200-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
Additives	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-18, 200, #101, Rev.4.4, 6/08, SAK

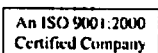
DENATURANT	AMOUNT
Spearmint	5.0 lb/100 gallons
Peppermint	3.3 lb/100 gallons
Menthol	2.0 lb/100 gallons

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, n.o.s.
Hazard Class: 3

UN 1987 PG II
Ethanol CAS No. 64-17-5
Menthol CAS No: 1490-04-6
Spearmint CAS No: 8008-79-5
Peppermint CAS No: 8006-90

DSP-CT-18



SHIP TO:

DENNISON PHARMACEUTICALS
AKA ORATEC
60 DUNNELL ROAD
PAWTUCKET, RI 02862
PO#101503



An ISO9001:2000
Certified Company

58 Vale Road, Brookfield, CT 06804
P: 800-243-5360 F: 203-740-3481

1101 Isaac Shelby Drive, Shelbyville, KY 40065
P: 800-456-1017 F: 502-633-0685

www.pharmco-aaper.com



THE POWER OF THREE³

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

SDA 38B-18, 200 Proof
(Ethanol denatured with
Menthol, Spearmint, and Peppermint)

CATALOG NO: 12338B 200

55 Gallon (363.5 Lbs)

SDA 38B (Menthol-Spearmint-Peppermint) 200-55gal-11m Rev. 10/08

To every 100 gallons of Ethanol, add 5 pounds of Spearmint Oil,
3 pounds of Peppermint Oil, and 2 pounds of Menthol Crystals

LOT NO: 0311184-SD38B
BATCH NO: 03340-10
SERIAL NO: 409697

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

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

Formula:

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

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.*

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.*



12338B200



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