



THE POWER OF THREE³

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

PRODUCT SPECIFICATION SHEET
Specially Denatured Alcohol 38B-2 / 190 Proof
(Ethanol denatured with Oil of Cassia (Cinnamon Oil))

Catalog Number / Product Code: 12338B02190-Size Code*

Available in the following sizes:

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

TEST	SPECIFICATION	TYPICAL RESULT
Ethanol, 190 Proof	98.55% (w/w)	Pass
Oil of Cassia (Cinnamon Oil)	1.45% (w/w)	Pass
Specific Gravity	Lot analysis @ 20C	0.8139
Specific Gravity	0.8160 – 0.8190 @ 15.56C	0.8170
Odor	Typical	Pass
Appearance	Free of sediments	Pass

Form: SDA 38B-02, 190, #101, Rev. 4.5, 10/08, SJK

DENATURANTS FORMULA

DENATURANT	AMOUNT
Oil of Cassia (Cinnamon 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-AAPER

www.pharmcoaaper.com

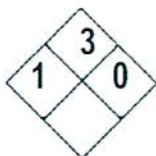
1-800-243-5360

TekLynx LABELVIEW Demo
DOT INFORMATION

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

UN 1987 PG II
Ethanol CAS No. 64-17-5
Oil of Cassia CAS No. 8007-80-5
Water CAS No: 7732-18-5

DSP-CT-18



pharmco
PRODUCTS INC
ABSOLUTE PURITY

AAPER
ABSOLUTE VALUE

SHIP TO:

AAPER ALCOHOL
1101 ISAAC SHELBY DRIVE
SHELBYVILLE, KY 00000
PO # SAMPLE LABEL

An ISO9001:2000
Certified Company



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SDA 38B-2, 190 Proof

(Ethanol denatured with Oil of Cassia (Cinnamon Oil))

Catalog No: 12338B02190

Alt. Cat. # 38B-2/B

55 Gallons (374.0 Lbs Net)

SDA 38B-2, 190, 55gal/Vm, Rev 10/08

Formula: To every 100 gallons of Ethanol, add 10 pounds of Denaturant

TEST	SPECIFICATIONS	TYPICAL
Ethanol, 190 Proof	98.55% (w/w)	Pass
Additives	1.45% (w/w)	Pass
Specific Gravity	0.8160 - 0.8180 @ 15.56C	0.8160
Specific Gravity	Lot Analysis @ 20C	Pass
Odor	Typical	Pass
Appearance	Free of Sediments	Pass

LOT NO: XXXXXXXXXXXXX

BATCH NO: XXXXXXXXXXX

SERIAL NO: XXXXXXXXXXX

WINE GALLON: 55.0

PROOF: 190

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

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

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

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



12338B2190



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