



**PRODUCT SPECIFICATION SHEET**

**Formula C, 190 proof**

(Ethanol denatured with Methanol, MIBK & Ethyl Acetate)

Catalog # / Product Code: 12500C190

Available in the following sizes:

4x1 gallon High Den. Poly Bottle, 5 gallon Poly w/Rieke Spout, 5 gallon Metal w/Rieke Spout,  
5 gallon Shelf Sitter w/spigot, 55 gallon New Poly Drum, 55 gallon New Lined Metal-Black, Bulk

Test	Specification	Typical Result
Ethanol	89.848% (v/v) +/- 0.180%	Pass
Methanol	4.492% (v/v) +/- 0.090%	Pass
MIBK	0.943% (v/v) +/- 0.019%	Pass
Ethyl Acetate	4.717% (v/v) +/- 0.094%	Pass
Appearance	Clear	Pass
Odor	Characteristic	Pass
Specific Gravity @ 15.56C	Lot Analysis	0.818
Acidity (WT.%)	< .005%	0.001%

Form: SIS C, 190, #101, Revision 4.1, 11/11/05JH

Approved by: P. McGowan, Laboratory Manager

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  
Methanol CAS No. 67-56-1  
Ethyl Acetate CAS No. 141-78-6  
MIBK CAS No. 108-10-1

DSP-CT-18

CHEMTREC NO. 1-800-424-9300

FLAMMABLE LIQUID

3



58 Vale Road, Brookfield, CT 06804  
P: 800-243-5360 F: 203-740-3481  
www.pharmco-prod.com

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

DENATURED ETHANOL · PURE ETHANOL · HIGH PURITY SOLVENTS

An ISO9001:2000  
Certified Company



pharmco-AAPER

SUBSIDIARIES OF COMMERCIAL ALCOHOLS, INC.

The Power of Three<sup>3</sup>

# FORMULA C, 190 Proof

Catalog No: 12500C190

55 Gallons (net 373.5 Lbs)

Form C-190 55gal-poly-VM Rev 10/05

TEST	SPECIFICATIONS
Specific Gravity @ 15.56C	Lot Analysis
Acidity (wt/wt% as Acetic Acid)	<0.005%
Odor	Characteristic
Appearance	Clear
<b>Formula:</b>	
Ethanol	89.848% (v/v) +/- 0.180%
Methanol	4.492% (v/v) +/- 0.090%
Ethyl Acetate	4.717% (v/v) +/- 0.094%
MIBK	0.943% (v/v) +/- 0.019%

LOT NO:  
BATCH NO:  
SERIAL NO:

WINE GALLONS: 55.0  
PROOF: 190

GROSS WEIGHT: 395.5 Lbs  
TARE WEIGHT: 22 Lbs  
NET WEIGHT: 373.5 Lbs

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.\*

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.\*

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.\*

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

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



12500C190