

**Product Specifications Sheet**  
**REAGENT Alcohol -140 PROOF**

**Reagent Alcohol 70%**

**Made with HPLC Grade Reagent Alcohol 200 Proof and HPLC Grade Water**  
 (Specially Denatured Alcohol SDA-3A with Isopropyl Alcohol)

Catalog # / Product Code: zp241HPLC140-Size Code\*

Available in the following sizes:

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

<b>Product Formula:</b>	<b>Percent By Volume: (+/- 1%)</b>	
Denatured Ethanol	70.0%	
Water (HPLC)	30.0%	
<b>Components:</b>	<b>Percent By Volume: (+/- 1%)</b>	<b>CAS #:</b>
Ethanol	63.3%	64-17-5
Methanol	3.2%	67-56-1
Isopropanol	3.5%	67-63-0
Water	30.0%	7732-18-5

**Product Specifications:**

<b>TEST</b>	<b>SPECIFICATION</b>	<b>TYPICAL RESULT</b>
Specific Gravity @ 25°C	0.877 – 0.887	0.880
Appearance	Clear liquid, free from sediment	Pass
Color (Pt-Co)	5 max.	< 5
Acidity (wt/wt% as acetic acid)	0.0025%	0.001%

Form: Reagent Alcohol, 140, HPLC, Revision 1.1, 10/11, AM

DOT Information: Alcohol, n.o.s. Hazard Class: 3 PG: II UN 1987 (CAS#'s above)

**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 3.5, 11/06, EF)

DOT INFORMATION  
 Alcohols, n.o.s.  
 Hazard Class: 3  
 UN 1987  
 PG: II  
 Ethanol CAS NO. 64-17-5  
 Isopropanol CAS NO. 67-63-0  
 Methanol CAS NO. 67-56-1  
 Water CAS NO. 7732-18-5  
 DSP-CT-18

LOT NO:  
 XXXXXXXXXXXXXXXXXXXXXXXXXX  
 BATCH NO:  
 XXXXXXXXXX  
 SERIAL NO:  
 XXXXXXXXXX



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



Danger, Poison,  
 Vapor Harmful



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.\*  
 DANGER THIS PRODUCT CONTAINS METHYL ALCOHOL (Methanol) May be fatal or cause blindness if swallowed! Cannot be made non-poisonous. Refer to MSDS for additional information.\*  
 FIRST AID: SEEK IMMEDIATE MEDICAL ATTENTION. REFER TO MSDS FOR APPROPRIATE FIRST AID FOR THIS CHEMICAL.\*  
 STORAGE AND HANDLING: Keep in a cool, dry place. Do not expose to direct sunlight. Use only with proper personal protective equipment and 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.



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**REAGENT ALCOHOL - 140 PROOF (70%)**  
**HPLC Grade**  
**Made with HPLC Grade Water**  
 Catalog No: zp241HPLC140DM55UV Wine Gallons= 55.0  
 Proof= 140 Net Weight= 392.0 lb

Reagent Alcohol, Specially Denatured Alcohol Formula 3A-95 parts per vol., and Isopropyl Alcohol-5 parts per vol.

Components	Percent By Volume:(+/- 1%)	
Ethanol	63.3%	
Methanol	3.2%	
Isopropanol	3.50%	
Water	30.00%	

  

Test	Specification	Typical
Specific Gravity @ 25° C	0.877-0.887	0.880
Appearance	Clear liquid, free from sediment	Pass
Color (Pt-Co)	5 Max.	<5
Acidity (wt/wt% as acetic acid)	0.0025%	0.001%

ANTIDOTE: Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately. Induce vomiting by giving one teaspoon of Syrup of Ipecac.

Date Filled:  
 XXXXXXXXXX  
 Recommended Retest Date:  
 XXXXXXXXXX

**SHIP TO:**  
 XXXXXXXXXXXXXXXX  
 XXXXXXXXXXXXXXXX  
 XXXXXXXXXXXXXXXX  
 XXXXXXXXXXXXXXXX



ZP241HPLC140

Reagent Alcohol 140-HPLC, 55gal UV-4MM Rev 10/12/11 AM