

An ISO 9001: 2000  
Certified Company  
The Promise of Purity



PRODUCT SPECIFICATION SHEET  
Special Industrial Solvent Formula 663 – 200  
(VANZOL DF-16, 200 PROOF)

(200 Proof Ethanol Denatured with Isopropanol & N-Propyl Acetate)

Catalog # / Product Code: 125663200

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
Ethyl Alcohol (wt. %)	77.5 – 84.3 %	80.8 %
Isopropanol (wt. %)	15.0 – 21.0 %	18.1 %
N-Propyl Acetate (wt. %)	0.7 – 1.5 %	1.1%
Apparent Specific Gravity @ 15.56C	Lot Analysis	0.794
Color (Pt-Co)	10 Max.	<10
Acidity as Acetic Acid	0.005 % max	< 0.005 %
Appearance	Clean, clear liquid	Pass
Flash Point F	60F	As per literature

Form: SIS 663, 200,DF-16, #101, Revision 1.3, 07/04

Approved by: P. McGowan, Laboratory Manager

For Industrial, Pharmaceutical, Flavor & Fragrance or Lab Use. Not intended 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 expiration date of this product is three years from the date of manufacture. (Rev. # disclaimer only: Rev 3.2 12/19/02 PD)

*This document has been electronically generated and is therefore not signed. A signed copy can be obtained from Pharmco's Quality Control office.*

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Website: [www.pharmco-prod.com](http://www.pharmco-prod.com)

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  
 N-Propyl Acetate  
 CAS No. 109-69-4  
 DSP-CT-18



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**pharmco**<sup>TM</sup>  
 PRODUCTS INC

58 Vale Road Brookfield, Connecticut 06804-3967, USA  
 Telephone 203-740-3471 Fax 203-740-3481 DSP-CT-18

# SIS Formula 663, 200 Proof

(VANZOL DF-16) 55 GALLONS

Catalog Numbers:  
 125663200  
 125663300  
 1250F16300



TEST	SPECIFICATIONS	TYPICAL
Ethyl Alcohol (w/w)	77.5-84.2%	80.0%
Isopropanol (w/w)	15.5-21.0%	18.1%
n-Propyl Acetate (w/w)	0.7-1.5%	1.1%
Apparatus Specific Gravity @ 15.58C	Lot Analysis	0.794
Color (Pt-Co)	10 max.	<10
Acidity as Acetic Acid	0.002% max.	<0.002%
Appearance	Clear, clear liquid	Fine
Flash Point F	60F	As per literature

LOT NO:  
 BATCH NO:  
 SERIAL NO:  
 WINE GALLONS: 55.0  
 PROOF: 200  
 GROSS WEIGHT: 397.6 LBS  
 TARE WEIGHT: 34 LBS  
 NET WEIGHT: 363.6 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.\*

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 information.\*

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

303-000001/01/02/04/05/06/07/08/09/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100

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