



AMERICAN DISTILLING INC.

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SPECIFICATIONS

WITCH HAZEL (14% NATURAL GRAIN ALCOHOL), USP

TRADE NAME - PART# FG003100

INCI NAME - HAMAMELIS VIRGINIANA (WITCH HAZEL) WATER (AND) ALCOHOL
(MEETS ALL USP, BPC & NFXI TESTS)

Description	A clear, colorless distillate prepared from recently cut and partially dried dormant twigs and bark of <i>Hamamelis virginiana</i> Linné, containing natural oils and 14% Natural Alcohol
Odor	Characteristic Witch Hazel free from acetous odor (MFG)
Color	Colorless (MFG)
Clarity	0.00 - 0.25 NTU (MFG)
pH @ 25°C	3.0 - 5.0 (USP)
Specific Gravity	
@ 20°C	0.976 - 0.982 (BPC)
@ 25°C	0.979 - 0.983 (USP)
Total Non-Volatile Residue	Less than 25 mg/100mL (USP)
Alcohol (Ethanol-Natural Grain USP)	14.0% - 15.0% (USP) (% by Volume)
Limit Of Tannins	Less than 0.03 mg/mL (USP)
Acetone, Other Ketones, Isopropyl Alcohol & T-Butyl Alcohol.....	Negative (NFXI)
Formaldehyde	Negative (NFXI) (BPC)
Total Plate Count, Including Yeast & Mold.....	Less than 10 CFU/mL (MFG)
Gram Neg./Gram Pos. Bacteria Count	Maximum of 1 CFU/mL (MFG)

Additional Information





Plant Origin

This product is made from 100% Certified Organic Witch Hazel plant material non-genetically modified and gluten free, BSE/TSE free, not tested on animals



Residual Solvents	Meets ICH and USP <467> residual solvents specifications.		
Packaging	55-gallon (204 kg net) polyethylene drums, 275-gallon (1020 kg net) totes, 5-gallon (18.55 kg net) pails, 4/1-gallon (14.84 kg net) case, all UN approved.		
Storage Conditions	Store in a cool place. Protect from freezing. Product will discolor if it comes in contact with iron.		
Retest Date.....	Three years from manufacturing date.		
<u>Ingredient INCI Names:</u>	<u>Content %:</u>	<u>EINECS #:</u>	<u>CAS #:</u>
Hamamelis Virginiana (Witch Hazel) Water	86.0 – 85.0	283-637-9.....	84696-19-5
Alcohol	14.0 – 15.0	200-578-6.....	64-17-5

Signatures:

Quality Document Approved for Release:	I approve this quality document to be immediately released for use	
Name:	Joan Skoczolek WITCHHAZEL\jskoczolek 	Title: Quality Lead / Microbiologist
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Electronically Signed in		Timestamp