

## WITCH HAZEL 14% ALCOHOL – SAFETY DATA SHEET

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### PRODUCT IDENTIFIER

Product name	Witch Hazel 14% Alcohol
Synonyms	Hamamelis Water, Witch Hazel, Distilled Witch Hazel 14% Natural Grain Alcohol

#### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale, Auckland 1026 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	info@pureingredients.co.nz

#### EMERGENCY TELEPHONE NUMBER

CHEMCALL	0800 CHEMCALL / 800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	NZ Poisons Centre 0800 POISON (0800 764 766)

### SECTION 2 HAZARDS IDENTIFICATION

<b>Classification of the substance or mixture</b>	
	Not regarded as a health hazard under the current legislation.

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS No.	Contents	Health (Class)	Risk (R. No)
Witch Hazel Distillate	84696-19-5	85-86%	1	1
Alcohol (Ethanol-Natural Grain USP)	64-17-5	14-15%	2	2

### SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

General	Get medical attention if any discomfort continues.
Eyes	Promptly wash eyes with lots of water while lifting the eye lids. Continue to rinse for at least 15 minutes and seek medical attention.
Skin	Remove affected person from source of contamination. Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Seek medical attention if irritation persists after washing.
Inhalation	Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Seek prompt medical attention.
Ingestion	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!. DO NOT INDUCE VOMITING! Promptly let affected drink lots of water to dilute the swallowed chemical. Seek medical attention
Symptoms	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.
	EYE CONTACT: May cause irritation and redness. SKIN CONTACT: None known. INGESTION: May cause nausea. INHALATION: May cause mild irritation of the throat.

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## SECTION 5 FIREFIGHTING MEASURES

Extinguishing Media	water spray, fog or mist, foam, dry chemicals, sand, dolomite etc
Special Fire-fighting Procedure	Cool containers exposed to flames with water from the side until well after the fire is out. Move container from fire area if it can be done without risk.
Special Protective Equipment	Self contained breathing apparatus.
Unusual fire & explosion hazards	May explode when heated or when exposed to flames or sparks. May react violently with oxidizing materials.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill Clean Up Methods	Large Spillage's: Contain spill and pump into a suitable container. For smaller quantities, drench with water making sure that washings enter drain only when very dilute. Flush area with copious amounts of water.
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## SECTION 7 HANDLING AND STORAGE

Usage Precautions	Keep away from heat, sparks and open flame. Avoid acids, moisture, and combustible materials.
Hygienic work practices	DO NOT SMOKE IN WORK AREA! Eating, smoking and water fountains prohibited in immediate work area. Always observe good personal hygiene practices, especially when working with chemicals
Storage precautions	Keep in cool, dry, ventilated storage and closed containers. Store isolated from oxidizing materials. Store away from all sources of ignition. Store in containers made of stainless steel, polyethylene or glass. Do not store in contact with aluminium, zinc, copper or their alloys. Product will discolour if it comes in contact with iron.
Storage criteria	Chemical storage.

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

	INGREDIENT NAME	CAS No.	STD Lt Exp (8 hrs)	ST EXP (15min)
	Witch Hazel Distillate	84696-19-5	No Std	No std
	Alcohol (Ethanol-Natural Grain USP)	64-17-5	OES 1000 ppm	No Std
	Keep exposure as low as is reasonably practicable.			
Ventilation	Provide adequate general and local exhaust ventilation.			
Respirators	Suitable approved respiratory protection should be worn if levels exceed the OES.			
Protective gloves	Use suitable protective gloves if risk of skin contact.			
Eye protection	Wear approved safety goggles.			
Other protection	Provide eyewash, quick drench.			

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid, clear	Viscosity	1.03
Colour	Colourless	Volatile by vol.(%)	N/D
Odour	Characteristic	Freezing point	-8°C
Solubility description	Very soluble in water	Boiling point	88°C
Solubility value (G/100g H <sub>2</sub> O@20°C)	N/D	Critical temp	N/D
Specific gravity (WATER=1)	0.979 – 0.983 @25°C	Decomposition temp	N/D
Mol weight (AT WT)	0.976 – 0.982 @20°C	pH VALUE	3.0 – 5.0
Particle size (MICR)	N/A	Flash point	42°C
Bulk density	N/A	Flash point method (cc)	CC
Refractive index	N/A	Flammability limit	N/D
Vapour pressure (mmhg)	N/D	Oxidizing properties	Not oxidising
Vapour density (air=1)	18.75 @20°C	Partition coefficient: octanol/water	N/D

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## SECTION 10 STABILITY AND REACTIVITY

Stability	Normally stable
Incompatible Specific Chemicals	Aluminium, Zinc, Copper, Aluminium, Zinc, Copper alloys and Iron
Materials to avoid	Strong oxidizing agents. Flammable/comb. material
Conditions to avoid	Avoid heat, flames and other sources of ignition.

## SECTION 11 TOXICOLOGICAL INFORMATION

Toxic dose <sup>1</sup> Id50	N/D
Health warnings	No specific health warnings noted.
Symptoms	No specific symptoms noted, but this material may still have adverse health impact, either in general or on certain individuals
Eye contact	May cause irritation and redness.
Skin contact	None known
Ingestion	May cause nausea
Inhalation	May cause mild irritation of the throat
Acute and chronic health hazards	No known chronic or acute health risks
Carcinogenicity	This substance has no evidence of carcinogenic properties

## SECTION 12 ECOLOGICAL INFORMATION

	Readily biodegradable
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## SECTION 13 DISPOSAL CONSIDERATION

**Recommended methods of disposal:** Arrange disposal as nontoxic waste, by licensed disposal company, in consultation with local Waste Disposal Authority, in accordance with the Environmental Protection Act 1990 (section 34), and the Duty of Care.

## SECTION 14 TRANSPORT INFORMATION

DOT: Not regulated  
Special provision 49 CFR 173.150 (e) – Aqueous solution containing greater than 50% water and less than 24% alcohol and no other hazardous material.  
ADR/RID: Not regulated  
Aqueous solutions of ethyl alcohol and alcoholic beverages containing not more than 24% alcohol by volume are not subject to the provisions of the ADR.  
IATA: Not regulated  
Special provision A58. Ethanol aqueous solutions containing 24% or less alcohol by volume.  
IMDG: Not regulated  
Special provision 144. Aqueous solutions containing 24% or less ethanol by volume.

## SECTION 15 REGULATORY INFORMATION

LABEL FOR SUPPLY: No hazard label required.

The product is not classified as dangerous under the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994.

## SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.