

## SECTION 1: Identification

### 1.1. Identification

Product Name Witch Hazel Distillate (14% alcohol)

### 1.2. Recommended use and restrictions on use

Recommended Use Astringent/Skin Cleanser  
Restrictions on Use None Known

### 1.3. Supplier

Camden-Grey Essential Oils, Inc.  
5751 Halifax Ave., Unit 2  
Fort Myers, FL 33912  
www.camdengrey.com

### 1.4. Emergency telephone number

Emergency number: Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN330

## SECTION 2: Hazard(s) identification

### 2.1 Classification of the Substance or Mixture:

Classification according to OSHA Hazcom 2012:

Flammable Liquid Category 3

Eye Irritation Category Eye 2A

### 2.2 Label Elements



### Warning!

#### Statements of Hazard

Flammable liquid and vapor Causes serious eye irritation

#### Precautionary Phrases

Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Keep container tightly closed.

Ground and bond container and receiving equipment.

Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools.

Take precautionary measures against static discharge. Wash thoroughly after handling.

Wear protective gloves, eye protection and face protection.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention.

In case of fire: Use water spray, fog or mist, alcohol foam, dry chemicals to extinguish. Store in a well-ventilated place. Keep cool.

Dispose of contents and container in accordance with local and national regulations.

### 2.3 Other Hazards

None Known

## SECTION 3: Composition/information on ingredients

### 3.1. Mixture

Components	CAS Number	EC Number	Percent
Witch Hazel Distillate	84696-19-5	283-637-9	85-86%
Ethanol	64-17-5	200-618-2	14-15%

Refer to Section 16 for the full text of the GHS Classifications.

## SECTION 4: First-aid measures

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### 4.1 Description of First Aid Measures:

Eye	Flush victim's eyes with water, while holding the eyelids apart. Remove contact lenses if present and easy to do so. Continue rinsing. Get medical attention if irritation persists.
Skin	None normally required. For excessive unintentional exposures, wash skin with water.
Inhalation	Remove to fresh air. Get medical attention if irritation or symptoms occur.
Ingestion	If small quantities are swallowed, rinse out mouth with water. Do not induce vomiting unless directed to by a doctor or physician. Get medical attention for large ingestions.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

Causes eye irritation. May be mildly irritating to skin, and upper respiratory tract. Ingestion may result in nervous system effects including headache, sleepiness, dizziness, slurred speech, and blurred vision.

### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

Immediate medical attention should not be required.

## SECTION 5: Fire-fighting measures

### 5.1 Suitable and Unsuitable Extinguishing Media:

Use water spray, fog or mist, alcohol foam, or dry chemicals to extinguish.

### 5.2 Special Hazards Arising from the Substance or Mixture:

Flammable liquid and vapor. This product is classified as a flammable liquid and vapor but will not sustain combustion. Vapors may accumulate in confined areas and present a fire or explosion hazard. Vapors may be heavier than air and travel along surfaces to remote ignition sources and flash back. Exposure to high temperatures may release flammable hydrocarbons that can accumulate in confined areas and present a fire or explosion hazard. Burning may release hydrocarbons, and oxides of carbon.

### 5.3 Advice for Fire-Fighters:

Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus for all fires involving chemicals.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, or mist. Ventilate the area. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Keep unnecessary personnel away.

### 6.2. Environmental precautions

Do not flush large quantities into surface water or sanitary sewer system. Prevent large quantities of product from entering drains. For smaller quantities, drench with water making sure washings enter drain only when very dilute.

### 6.3 Methods and Material for Containment and Cleaning up:

Stop spill at source if safe to do so. Contain spill and pump liquid into a suitable container or absorb with an inert absorbent and place in a suitable container. Clean spill area with water.

### 6.4. Reference to other sections

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing vapors and mists. Wash exposed skin thoroughly with soap and water after use. Wear appropriate personal protective equipment as specified in Section 8. Observe good industrial hygiene practices.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area. Keep container tightly closed. Store away from oxidizing agents and other incompatible materials. Keep away from open flames, sparks, and excessive heat. Store in containers made of stainless steel, HDPE, PET, or glass. Do not store in contact with Iron, Aluminum, Zinc, Copper or their alloys since Witch Hazel is particularly reactive with Iron. Product will discolor if it comes in contact with Iron.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters: Occupational Exposure Limits:

Witch Hazel Distillate	None Established
Ethanol	1000 ppm ACGIH STEL
	1000 ppm OSHA PEL

### Biological Exposure Limits:

None Established

### 8.2 Exposure Controls:

**Appropriate Engineering Controls:** A system of local or general exhaust is recommended.

### Individual Protection Measures (PPE):

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**Specific Eye/face Protection:** Chemical safety glasses recommended.

**Specific Skin Protection:** Protective gloves recommended if needed to avoid prolonged contact. Wear protective clothing as necessary to avoid skin contact.

**Specific Respiratory Protection:** None under normal use conditions. For operations where exposures are excessive, a NIOSH approved respirator with an organic vapor cartridge and a dust/mist pre-filter or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Clear colorless liquid
Odor	Characteristic
Odor Threshold	Not determined
pH	3.0 – 5.0
Melting/Freezing Point	17.6°F (-8°C)
Initial Boiling Point and Range	190.4°F (88°C)
Flask Point	109.6°F (43.1°C)
Evaporation Rate	Not determined
Flammability (solid,gas)	Not applicable
Explosive Properties	Non-explosive
Explosive Limits	<b>LEL</b> not determined <b>UEL</b> not determined
Vapor Pressure (mmHg)	18.75 mm Hg (65.8° F/20° C)
Vapor Density	1.03 (Air =1)
Relative Density	0.976 – 0.982 @ 20° C
Solubility	Very soluble in water
Partition Coefficient: n-octanol/water	Not available
Auto-ignition Temperature	Not determined
Viscosity	Not determined
Oxidizing Properties	Not an oxidizer

### 9.2. Other information

Does not sustain combustion.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Product will discolor if it comes in contact with Iron.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

May react with oxidizing materials.

### 10.4. Conditions to avoid

Heat, flames, sparks, and other sources of ignition.

### 10.5. Incompatible materials

Avoid oxidizing agents, and acids. Do not store in contact with Iron, Aluminum, Zinc, Copper or their alloys.

### 10.6. Hazardous decomposition products

Releases unburned hydrocarbons and oxides of carbon at elevated temperatures.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Potential Health Effects:

Eyes	May cause irritation	Ingestion	Small amounts are not anticipated to cause adverse effects. Large quantities may cause nervous system effects including headache, sleepiness, dizziness, slurred speech, and blurred vision.
Skin	May cause mild irritation on prolonged contact.	Inhalation	May cause irritation.

#### Chronic Health Effects:

None expected under normal use.

#### Carcinogenicity:

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None of the components of this product are listed as carcinogens by the IARC, US NTP, or EU CLP.

### Acute Toxicity Data:

Witch Hazel Distillate: Not acutely toxic.

Ethanol: Oral rat LD50 7,060 mg/kg; inhalation rat LC50 117-125 mg/L/4 hr.

## SECTION 12: Ecological information

### 12.1. Toxicity

No information available.

### 12.2. Persistence and degradability

Readily biodegradable.

### 12.3. Bioaccumulative potential

Low bioaccumulation potential.

### 12.4. Mobility in soil

No data is currently available.

### 12.5 Other Adverse Effects

None.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Dispose in accordance with national and local regulations.

## SECTION 14: Transport information

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
DOT <sup>(1)</sup>	None	Not Regulated	None	None	Not Applicable
IATA/ICAO <sup>(2)</sup>	None	Not Regulated	None	None	Not Applicable

### 14.6 Special Precautions for User:

<sup>1</sup> Special provision 49 CFR 173.150 (e) – Aqueous solution containing greater than 50% water and less than 24% alcohol and no other hazardous material.

<sup>2</sup> Special provision A58. Ethanol aqueous solutions containing 24% or less alcohol by volume. Under the sustained combustibility test L2 the product does not support combustion, therefore the material is classified as "Non-Hazardous" for transportation.

## SECTION 15: Regulatory information

### Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

#### International Inventories

**US EPA TSCA Inventory:** Exempt.

**Canadian Environmental Protection Act:** All of the components are listed in the Canadian DSL.

**EU Inventory:** All of the components are listed on the EINECS inventory.

**Australia:** All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances.

**New Zealand:** All of the ingredients of this product are listed on the New Zealand Inventory of Chemicals (NZIoC).

**China:** All of the ingredients of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

**Philippines:** All of the ingredients of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

#### U.S. REGULATIONS

**CERCLA:** Spills of this product are not required to be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**EPA SARA 302:** This product does not contain chemicals regulated under SARA Section 302.

**EPA SARA 311 Hazard Classification:** None

**EPA SARA 313:** This product contains the following chemicals that are regulated under SARA Title III, section 313: None

**California Prop. 65 Components:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm. Alcohol stated on the Prop. 65 list is for consumable alcohol only.

## SECTION 16: Other information

**DISCLAIMER:** The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Camden-Grey Essential Oils, Inc.'s control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created

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by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

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