

# MATERIAL SAFETY DATA SHEET

## CERTIFIED ORGANIC WITCH HAZEL LEAF EXTRACT

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

**NAME:** Certified Organic Witch Hazel Leaf Extract  
**EINECS NO.:** 283 6379  
**SYNONYMS, TRADE NAMES:** Hamamelis Water, Witch Hazel  
**INCI NAME:** Hamamelis Virginiana (Witch Hazel) Leaf Water (and) Alcohol  
**SUPPLIER:**  
American Distilling Inc.  
31 East High Street, East Hampton, CT 06424  
**Telephone:** (860) 267-4444 **Fax:** (860) 267-1111 **E-Mail:** americandistilling@whazel.com

### EMERGENCY TELEPHONES:

CHEMTREC: 1-800-424-9300

### 2 COMPOSITION/INFORMATION ON INGREDIENT:

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R. No)
Witch Hazel Distillate	84696-19-5	85-86%	1	1
Alcohol (Ethanol-Organic)	64-17-5	14-15%	2	2

### 3 HAZARDS IDENTIFICATION:

Not regarded as a health hazard under the current legislation.

### 4 FIRST AID MEASURES:

**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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### 5 FIRE FIGHTING MEASURES:

**EXTINGUISHING MEDIA:** water spray, fog or mist, foam, dry chemicals, sand, dolomite etc. **SPECIAL FIRE FIGHTING PROCEDURES:** 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.

### 6 ACCIDENTAL RELEASE MEASURES:

**SPILL CLEANUP 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.

### 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.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION:

INGREDIENT NAME	CAS No.	STD LT EXP (8 hrs)	ST EXP (15 min)
Witch Hazel Distillate	84696-19-5	No std.	No std
Alcohol (Ethanol-Organic)	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.

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### 9 PHYSICAL AND CHEMICAL PROPERTIES:

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<b>COLOR:</b>	Colourless
<b>APPEARANCE:</b>	liquid, clear
<b>ODOR/TASTE:</b>	characteristic
<b>SOLUBILITY DESCRIPTION:</b>	very soluble in water
<b>SOLUBILITY VALUE (G/100g H<sub>2</sub>O@20°C)</b>	N/D
<b>SPECIFIC GRAVITY (WATER=1):</b>	0.979-0.983 @ 25°C
	0.976-0.982 @ 20°C
<b>MOL WEIGHT (AT WT):</b>	N/A
<b>PARTICLE SIZE (MICR):</b>	N/A
<b>BULK DENSITY:</b>	N/A
<b>REFRACTIVE INDEX:</b>	N/D
<b>VAPOUR PRESSURE (mmHg):</b>	18.75 @ 20°C
<b>VAPOUR DENSITY (AIR=1):</b>	1.03
<b>VISCOSITY:</b>	N/D
<b>VOLATILE BY VOL.(%):</b>	N/D
<b>FREEZING POINT:</b>	-8°C
<b>BOILING POINT:</b>	88°C 760mmHg
<b>CRITICAL TEMP.:</b>	N/D
<b>DECOMPOSITION TEMP.:</b>	N/D
<b>pH VALUE:</b>	3.0 – 5.0
<b>FLASH POINT:</b>	42°C
<b>FLASH POINT METHOD: (CLOSED CUP)</b>	CC
<b>FLAMMABILITY LIMIT: LOWER %:</b>	N/D
<b>OXIDIZING PROPERTIES:</b>	Not oxidizing
<b>PARTITION COEFFICIENT: Octanol/water:</b>	N/D

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### 10 STABILITY AND REACTIVITY:

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**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.

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### 11 TOXICOLOGICAL INFORMATION:

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**TOXIC DOSE1 LD50:** 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

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### 12 ECOLOGICAL INFORMATION:

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Readily biodegradable

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### 13 DISPOSAL CONSIDERATIONS:

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**DISPOSAL METHODS:** 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.

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### 14 TRANSPORT INFORMATION:

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**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.

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### 15 REGULATORY INFORMATION:

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**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.

### 16 OTHER INFORMATION:

**Cosmetics Directive 7<sup>th</sup> Amendment:** Not restricted

**REACH:** N/A

**APPLICATIONS:** Medicine. Toiletries

### INFORMATION SOURCES:

Registry of Toxic Effects of Chemical Substances (RTECS).

The Merck Index, 11th. edition, 1989.

EH40/94 Occupational Exposure Limits 1994

United States Pharmacopeia

**ISSUE NO.:** 1

**DATED:** June 27, 2011

N/A = Not Applicable, N/D = No Data Available, N/C = Not Classified. N/K = Not Known

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