



SAFETY DATA SHEET WITCH HAZEL DISTILLATE w/ 0.4% SODIUM BENZOATE

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

1.1 Product Identifier:

Product Identifier: WITCH HAZEL DISTILLATE w/ 0.4% SODIUM BENZOATE
SDS Number: 12
Manufacturer Item Number: FG003109
Synonyms: Hamamelis Water, Witch Hazel Distillate

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Recommended Use: Cosmetic Astringent/Skin Cleanser
Restrictions on Use: None Known

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer: American Distilling Inc.
Address: 31 East High Street
 East Hampton, CT
 06424, U.S.A.

Telephone Number: (860) 267-4444
Fax: (860) 267-1111
Email: SDS@americandistilling.com
Website: www.americandistilling.com

1.4 Emergency Telephone Number: CHEMTREC: 1-800-424-9300

2 HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]: Not classified.

2.2 Label Elements

None

2.3 Other Hazards

None Known

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture:

Components	CAS Number	EC Number	Classification	Percent
Witch Hazel Distillate	84696-19-5	283-637-9	Not Hazardous	99.6%
Sodium Benzoate	532-32-1	208-534-8	Not Hazardous	0.4%

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

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4 FIRST AID MEASURES

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.

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

May cause mild irritation to eyes, skin, and upper respiratory tract.

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

Immediate medical attention should not be required.

5 FIREFIGHTING MEASURES

5.1 Suitable and Unsuitable Extinguishing Media:

Use media suitable to the surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture:

Not classified as flammable or combustible.

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.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid breathing vapors, or mist. 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 that 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.

7 HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Avoid contact with eyes. Wear appropriate personal protective equipment as specified in Section 8. Observe good industrial hygiene practices.

7.2 Conditions for Safe Storage, Including Any Incompatibilities:

Keep in cool, dry, ventilated storage and closed containers. Store isolated from oxidizing materials. Store away from all sources of ignition. Store away from oxidizers and acids. 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.

7.3 Specific End Use(s):

Cosmetic Astringent/Skin Cleanser.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Occupational Exposure Limits:

Witch Hazel Distillate	None Established
Sodium Benzoate	None Established

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):

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.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance:	Clear, colorless liquid	Explosive Limits:	LEL: Not determined UEL: Not determined
Odor:	Characteristic	Vapor Pressure (mmHg):	18.75 mm Hg (65.8°F/20°C)
Odor Threshold:	Not determined	Vapor Density:	1.03 (Air =1)
pH:	4.0 - 5.0	Relative Density:	Approx. 0.995 – 1.005 @ 20°C
Melting/Freezing Point:	32°F (0°C)	Solubility:	Very soluble in water
Initial Boiling Point and Range:	212°F (100°C)	Partition Coefficient: n-octanol/water:	Not available
Flash Point:	Not applicable	Auto-ignition Temperature:	Not determined
Evaporation Rate:	Not determined	Decomposition Temperature:	Not determined
Flammability (solid, gas):	Not applicable	Viscosity:	Not determined
Explosive Properties:	Non-explosive	Oxidizing Properties:	Not an oxidizer

9.2 Other Information:

None available.



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:

None known.

10.4 Conditions to Avoid:

Avoid extreme heat.

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:

None known.

11 TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eyes	May cause mild irritation.
Skin	May cause mild irritation on prolonged contact.

Ingestion	Small amounts are not anticipated to cause adverse effects. Large quantities may cause nausea.
Inhalation	May cause mild irritation.

Chronic Health Effects:

None expected under normal use.

Irritation:

This product is not an irritant.

Corrosivity:

This product is not corrosive.

Skin Sensitization:

This product is not a skin sensitizer.

Respiratory Sensitization:

This product is not a respiratory sensitizer.



Carcinogenicity:

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

Germ Cell Mutagenicity:

Components are not germ cell mutagens.

Reproductive Toxicity Data:

Components are not reproductive toxins.

Specific Target Organ Toxicity Single Exposure (STOT-SE):

No adverse effects are expected.

Specific Target Organ Toxicity Repeated Exposure (STOT-RE):

No adverse effects are expected.

Aspiration:

Not an aspiration hazard.

12 ECOLOGICAL INFORMATION

12.1 Toxicity:

No information available.

12.2 Persistence and Degradability:

Readily biodegradable.

12.3 Bio-accumulative Potential:

Low bioaccumulation potential.

12.4 Mobility in Soil:

No data is currently available.

12.5 Results of PBT and vPvB Assessment:

Components do not meet the criteria for PBT or vPvB.

12.6 Other Adverse Effects:

None.



13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Dispose in accordance with national and local regulations.

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	None	Not Regulated	None	None	Not Applicable
ADR/RID	None	Not Regulated	None	None	Not Applicable
IMDG	None	Not Regulated	None	None	Not Applicable
IATA/ICAO	None	Not Regulated	None	None	Not Applicable

14.6 Special Precautions for User:

Not applicable.

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable

15 REGULATORY INFORMATION

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

International Inventories:

US EPA TSCA Inventory: All the components of this product are listed in the EPA TSCA Inventory.

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.

INTERNATIONAL REGULATIONS

German WGK: 1

15.2 Chemical Safety Assessment:

None required

16 OTHER INFORMATION

Full text of Classification abbreviations used in Section 2 and 3:
None

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Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, ECHA REACH Registration Website, Country websites for occupational exposure limits.

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