



# Safety Data Sheet WITCH HAZEL (14% STANDARD ALCOHOL)

SDS Revision Date: 06/16/2023

## Section 1. Identification

### 1.1. Product identifier

**Product Identity** WITCH HAZEL (14% STANDARD ALCOHOL)  
**Alternate Names** Hamamelis Water, Witch Hazel, WITCH HAZEL (14% STANDARD ALCOHOL), Formula No.: 008

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** Astringent/Skin Cleanser

### 1.3. Details of the supplier of the safety data sheet

**Company Name** Hydrox Laboratories  
825 Tollgate Rd.  
Elgin, IL 60123

### Emergency

**24 hour Emergency Telephone No.** 800-255-3924

**Customer Service: Hydrox Laboratories** 847-468-9400

## Section 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Flam. Liq. 3;H226 Flammable liquid and vapor.

### 2.2. Label elements

(Not required on OTC product or case labels per Occupational Safety and Health Standards 29 CFR 1910.1200(b)(5))



### Warning

H226 Flammable liquid and vapor.

#### [Prevention]

P210 Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

P233 Keep container tightly closed.

P240 Ground, bond container and receiving equipment.

P241 Use explosion-proof electrical, ventilating, light, equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves, eye protection, face protection.



# Safety Data Sheet WITCH HAZEL (14% STANDARD ALCOHOL)

SDS Revision Date: 06/16/2023

## [Response]

P303+361+353 IF ON SKIN (or hair): Remove, take off immediately all contaminated clothing. Rinse skin with water, shower.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

## [Storage]

P403+235 Store in a well ventilated place. Keep cool.

## [Disposal]

P501 Dispose of contents or container in accordance with local and national regulations.

## Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Hamamelis virginiana, (witch hazel) water extract CAS Number: 0084696-19-5	75 - 100	Not Classified	----
Ethanol CAS Number: 0000064-17-5	10 - 25	Flam. Liq. 2;H225	----

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

## Section 4. First aid measures

### 4.1. Description of first aid measures

#### General

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

#### Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

#### Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

#### Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

#### Ingestion

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Overview

Treat symptomatically. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.



# Safety Data Sheet WITCH HAZEL (14% STANDARD ALCOHOL)

SDS Revision Date: 06/16/2023

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. Check section 2.2 (GHS Label Elements) for further details.

## Section 5. Fire-fighting measures

### 5.1. Extinguishing media

Water spray, fog or mist, foam, dry chemicals, sand, dolomite, etc.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon oxides, may produce hydrocarbon fumes

Keep away from heat, sparks, open flames, and other ignition sources - No smoking.

Keep container tightly closed.

Ground, bond container and receiving equipment.

Use explosion-proof electrical, ventilating, light, equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

### 5.3. Advice for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. 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.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**ERG Guide No.** 128

## Section 6. Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Contain spill and pump into a suitable container. Flush area with copious amounts of water.



# Safety Data Sheet WITCH HAZEL (14% STANDARD ALCOHOL)

SDS Revision Date: 06/16/2023

## Section 7. Handling and storage

### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Keep away from heat, sparks and open flame. Avoid acids, moisture, and combustible materials. 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.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]

### 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 in containers made of stainless steel, polyethylene 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.

Incompatible materials: Iron, Aluminum, Zinc, Copper and their alloys

Check section 2.2 (GHS Label Elements) for further details. - [Storage]

### 7.3. Specific end use(s)

No data available.

## Section 8. Exposure controls / personal protection

### 8.1. Control parameters

CAS No.	Ingredient	Exposure	
		Source	Value
0000064-17-5	Ethanol	OSHA	TWA 1000 ppm (1900 mg/m <sup>3</sup> )
		ACGIH	No Established Limit 1000 ppm STEL
		NIOSH	TWA 1000 ppm (1900 mg/m <sup>3</sup> )
0084696-19-5	Hamamelis virginiana, (witch hazel) water extract	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

### 8.2. Exposure controls

#### Respiratory

If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.

#### Eyes

Protective safety glasses recommended

#### Skin

Wear overalls to keep skin contact to a minimum.

#### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.



**Safety Data Sheet**  
**WITCH HAZEL**  
**(14% STANDARD ALCOHOL)**

SDS Revision Date: 06/16/2023

**Section 9. Physical and chemical properties**

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

<b>Appearance</b>	Color: Clear, Colorless Physical State: Liquid
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not determined
<b>pH</b>	3.0-5.0
<b>Melting point / freezing point</b>	-8°C (17.6°F)
<b>Initial boiling point and boiling range</b>	88°C (190.4°F) 760mmHg
<b>Flash Point</b>	43.10°C (109.58°F)
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	18.75 @ 20°C (65.75°F)
<b>Vapor Density</b>	(Air=1): 1.03
<b>Relative Density</b>	: 0.976 – 0.982 @ 20°C (BPC), 0.979 – 0.983 @ 25°C (USP)
<b>Solubility in Water</b>	Very soluble in water
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not determined

**9.2. Other information**

No other relevant information.

**Section 10. Stability and reactivity**

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

May react with oxidizing materials

**10.4. Conditions to avoid**

Heat, flames and sparks

**10.5. Incompatible materials**

Iron, Aluminum, Zinc, Copper and their alloys



# Safety Data Sheet WITCH HAZEL (14% STANDARD ALCOHOL)

SDS Revision Date: 06/16/2023

## 10.6. Hazardous decomposition products

Carbon oxides, may produce hydrocarbon fumes

## Section 11. Toxicological information

### Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation, and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Hamamelis virginiana, (witch hazel) water extract - (84696-19-5)	No data available.	No data available.	No data available.	No data available.	No data available.
Ethanol - (64-17-5)	10,470.00, Rat - Category: NA	17,100.00, Rabbit - Category: NA	124.70, Rat - Category: NA	No data available.	No data available.

### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000064-17-5	Ethanol	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	A3
0084696-19-5	Hamamelis virginiana, (witch hazel) water extract	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable



# Safety Data Sheet WITCH HAZEL (14% STANDARD ALCOHOL)

SDS Revision Date: 06/16/2023

Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## Section 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Hamamelis virginiana, (witch hazel) water extract - (84696-19-5)	No data available.	No data available.	No data available.
Ethanol - (64-17-5)	15,400.00, Lepomis macrochirus	> 10,000, Daphnia magna	17.92, Ulva pertusa

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## Section 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state, and local regulations when disposing of this substance.



# Safety Data Sheet WITCH HAZEL (14% STANDARD ALCOHOL)

SDS Revision Date: 06/16/2023

## Section 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1993	UN1993	UN1993
14.2. UN proper shipping name	UN1993, Flammable liquids, n.o.s., (Ethanol), 3, III	Flammable liquids, n.o.s., (Ethanol)	Flammable liquids, n.o.s., (Ethanol)
14.3. Transport hazard class(es)	DOT Hazard Class: 3 Sub Class: Not Applicable	IMDG: 3 Sub Class: Not Applicable	Air Class: 3 Sub Class: Not Applicable
14.4. Packing group	III	III	III
14.5. Environmental hazards	Marine Pollutant: No;		
14.6. Special precautions for user	Not Applicable		

## Section 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act (TSCA)</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>Note:</b>	Ethanol (Ethyl alcohol) has been placed on the California Proposition 65 Cancer and Developmental Lists when in alcoholic beverages.
<b>EPCRA 302 Extremely Hazardous:</b>	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
<b>EPCRA 313 Toxic Chemicals:</b>	Ethanol
<b>Proposition 65 - Carcinogens (&gt;0.0%):</b>	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
<b>Proposition 65 - Developmental Toxins (&gt;0.0%):</b>	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
<b>Proposition 65 - Female Repro Toxins (&gt;0.0%):</b>	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
<b>Proposition 65 - Male Repro Toxins (&gt;0.0%):</b>	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
<b>Proposition 65 Label Warning:</b>	This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



**Safety Data Sheet  
WITCH HAZEL  
(14% STANDARD ALCOHOL)**

**SDS Revision Date: 06/16/2023**

**Section 16. Other information**

**Revision Date** 06/16/2023

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

Disclaimer: The contents of this SDS are believed to be correct but do not purport to be all-inclusive and should only be used as a guide. Hydrox Laboratories, Inc. disclaims any express or implied warranty as to the accuracy of the above information and shall not be held liable for any direct, incidental or consequential damages resulting from the reliance on the above information.

End of Document