



Safety Data Sheet

Section 1: Identification

Trade Name: Witch Hazel Distillate with Alcohol

Synonyms: Hamameli macrophylla, Hamamelis virginiana var. macrophylla

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Section 2: Hazard(s) Identification

Potential Acute Health Effect

Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential chronic health Effects

Carcinogenic Effects: N/A

Mutagenic effects: Classified "Possible" for Human [Ethyl Alcohol]

Teratogenic Effects: N/A

Development toxicity: N/A

The substance may be toxic to Nervous system, liver, gastrointestinal, cardiovascular system, upper respiratory tract, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS No	% Content	
Witch Hazel	68916-39-2	85 – 86 %	
Ethyl Alcohol	64-17-5	14 – 15 %	

Section 4: First-Aid Measures

Eye Contact: Check for remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation

occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie belt or waistband. Have conscious person drink several glasses of water or milk. Seek medical attention immediately.

Section 5: Fire-Fighting Measures

Products of combustion These products are Carbon oxides (CO, CO₂).

Fire fighting media and instructions:

Small Fire: Use Dry chemical powder

Large Fire: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, auto ignition or explosion. Do not use water jet.

Special Remarks on Fire Hazards: Evolve toxic fumes when heated to the decomposition state. May form explosive mixtures with air. Vapor may travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions or when heated. (Ethyl Alcohol)

Special remarks on Explosion Hazards N/A

Highly Flammable in presence of open flames and sparks

Section 6: Accidental Release Measures

Small spill and leak Dilute with water and mop up, or absorb with inert dry material and place in an appropriate waste container. Finish cleaning by spreading water on the containment surface and dispose of according to local and regional authority requirements.

Large spill and leak Flammable Liquid.

Keep away from heat. Keep away from source of ignition. Be careful that the product is not present at concentration level above TLV. Check MSDS and with local authorities. Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Personal protection in case of large spill

Splash goggles, Full suit, Vapor respirator, Boot, Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient, consult a specialist BEFORE handling this product.

Section 7: Handling and Storage

Precaution Keep locked up. Keep away from heat. Keep away from source of ignition. Do not ingest. Do not breathe gas, fumes, vapor or spray.

Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or label. Keep away from incompatibles such as oxidizing agents, acids.

Incompatibility Reactive with oxidizing agents, acids. Slightly reactive to reactive with combustible material, metals.

Storage: Store in a segregated and approved area. Keep in a cool, well ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Store in a stainless steel or coated fiberboard drum using strong polyethylene inner package. Do not store in contact with aluminum, zinc, copper or their alloys.

Section 8: Exposure Controls/Personal Protection

Engineering controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value (TLV). Ensure that eye wash stations and safety shower are proximal to the work-station location.

Personal Protection Eyes: Safety glasses

Body: Lab coat

Respiratory: Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Hands: Gloves

Feet: N/A

Exposure Limits: 1,2,3-propanetriol

TWA: 1000 (ppm) from ACGIH (TLV) [US]

TWA: 1000 from OSHA [US]

Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Appearance: Colorless, Liquid (Flammable liquid)

Odor Characteristics

Specific Gravity: 0.979 to 0.982

Melting Point: -8 °C (17.6 °F)

Boiling Point: 88°C (190 °F)

pH 3.0 – 5.0

Vapor Density 1.03

Viscosity N/A

Solubility Easily soluble in cold & hot water, methanol, diethyl ether

Flash Point 43.33 °C

Section 10: Stability and Reactivity

Stability: Chemically stable.

Conditions to Avoid: Avoid sparks, flame and excessive heat.

Materials to Avoid: Strong oxidizing agents, acids.

Flammability: Combustible liquid.

Hazardous Polymerization: Will not occur.

Decomposition Products: When heated to decomposition produces fumes of Carbon dioxide and carbon monoxide smoke.

Special Remarks on Reactivity Hygroscopic: Keep container tightly closed.

Section 11: Toxicological Information

Route of entry Absorbed through skin, Eye contact, inhalation, ingestion.

Toxicity to animals Acute oral toxicity (LD50): 7060 mg/kg [Rat] Ethyl Alcohol

Acute effect on Humans

Eyes: Slightly hazardous in case of eye contact (irritant)

Skin: Sensitization of the product: N/A

Slightly hazardous in case of skin contact (irritant) skin inflammation is characterized by itching, scaling, reddening, or, occasionally blistering.

Inhalation Slightly hazardous in case of inhalation (lung irritant)

Ingestion Hazardous in case of ingestion.

Chronic Effects on Humans

Carcinogenic Effects: N/A

Mutagenic effects: Classified "Possible"

Teratogenic Effects: N/A

Development toxicity: N/A

The substance may be toxic to kidneys.

Repeated or prolonged exposure to the substance can produce target organs damage

Section 12: Ecological Information

Possibly hazardous short term degradation products are not likely. However long term degradation

products may arise. Avoid any pollution of ground, surface or underground water.

Section 13: Disposal Considerations

Dispose of in accordance with local, provincial and federal regulations. Check with disposal expert to ensure compliance.

Section 14: Transport Information

TDG Classification: Not regulated

IATA Shipping (Air): Not regulated

IMDG Shipping Not regulated

Section 15: Regulatory Information

WHMIS (Canada): Class B-2: Flammable liquid with flash point lower than 37.8 °C (100 °F)

Class- D-2B: Material causing other toxic effects (TOXIC)

Regulatory Lists CEPA DSL: Witch Hazel; Ethyl Alcohol

Other Regulations

OSHA: hazardous by definition of Hazard Communication Standard
(29 CFR 1910. 1200)

EINECS: This product is on the European Inventory of Existing Commercial
Chemical Substances.

Other Classifications:

HCS (U.S.A.)

Class: target organ effects

Class: Combustible liquid having flash point between
37.8 °C (100 °F) and 93.3 °C (200°F)

DSCL (EEC) R10-Flammable

HMIS Rating: Health: 0

Flammability: 2

Reactivity: 0

Section 16: Other Information

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