

WITCH HAZEL ORGANIC – SAFETY DATA SHEET

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

PRODUCT IDENTIFIER

Product Name	Witch Hazel Organic
INCI Name	Hamamelis Virginiana Water, Ethanol, Hamamelis Virginiana Extract
CAS Number	84696-19-5, 64-17-5

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 9 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

Hazard Classification	Not classified
Hazard Nature	This product is not classified as hazardous under HSNO and GHS criteria.
Pictogram(s)	Nil
Signal Word	Nil
Hazard Statement(s)	Nil
Prevention Statements(s)	Nil
Response Statement(s)	Nil
Storage Statement(s)	Nil
Disposal Statement(s)	Nil

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

% [volume/weight]	INCI Name	CAS No.	Classification
85 – 86	Hamamelis Virginiana Water	84696-19-5	Not hazardous
14 – 15	Ethanol	64-17-5	Flam Liq 2, Eye Irrit 2
≤ 1.0	Hamamelis Virginiana Extract	84696-19-5	Not hazardous

SECTION 4 FIRST AID MEASURES

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.

Most Important Symptoms and Effects, Both Acute and Delayed:

May cause mild irritation to eyes, skin, and upper respiratory tract. Ingestion may result in nervous system effects including headache, sleepiness, dizziness, slurred speech, and blurred vision.

Indication of Any Immediate Medical Attention and Special Treatment Needed:

Immediate medical attention should not be required.

WITCH HAZEL ORGANIC – SAFETY DATA SHEET

Page 2 of 4
Version No: 03
Code: EX100854

SECTION 5 FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media:

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

Special Hazards Arising from the Substance or Mixture:

This is not classified as flammable or combustible. This product will not sustain combustion. However, 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. 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.

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

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.

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.

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.

SECTION 7 HANDLING AND STORAGE

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.

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

CONTROL PARAMETERS

Occupational Exposure Limits:

Witch Hazel Distillate:

None Established

Ethanol:

United Kingdom – 1000 ppm TWA WEL

Germany – 500 ppm TWA, 1000 ppm STEL MAK

France – 1000 ppm TWA, 5000 ppm STEL

Biological Exposure Limits:

None Established

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 exposure limits are exceeded, an 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 good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colourless liquid	Vapour pressure	18.75 mm Hg @ 20°C
Odour	Characteristic	Vapour density	1.03 (Air = 1)
Odour threshold	Not determined	Relative density	0.976 – 0.982 @ 20°C
pH	3.0 – 5.0	Solubility	Very soluble in water
Melting/freezing point	-8°C	Partition coefficient	Not available
Boiling point & range	88°C	Auto-ignition temperature	Not determined
Flash point	43.1°C	Decomposition temperature	Not determined
Flammability	Not determined	Kinematic viscosity	Not determined
Explosive limits	Not determined	Particle characteristics	Not determined

WITCH HAZEL ORGANIC – SAFETY DATA SHEET**SECTION 10 STABILITY AND REACTIVITY****Reactivity:**

Product will discolor if it comes in contact with Iron.

Chemical Stability:

Stable under normal conditions.

Possibility of Hazardous Reactions:

May react with oxidizing materials.

Conditions to Avoid:

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

Incompatible materials:

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

Hazardous Decomposition Products:

Releases unburned hydrocarbons and oxides of carbon at elevated temperatures.

SECTION 11 TOXICOLOGICAL INFORMATION**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 nervous system effects including headache, sleepiness, dizziness, slurred speech, and blurred vision.

Chronic Health Effects: None expected under normal use.

Irritation:

This product is not an irritant. Product is below EU CLP special concentration limit for ethanol.

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, or EU CLP.

Germ Cell Mutagenicity:

Components are not germ cell mutagens.

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.

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. skin sensitizer.

SECTION 12 ECOLOGICAL INFORMATION**Toxicity:**

No information available.

Persistence and Degradability:

Readily biodegradable.

Bio-accumulative Potential:

Low bioaccumulation potential.

Mobility in Soil:

No data is currently available.

Results of PBT and vPvB Assessment:

Components do not meet the criteria for PBT or vPvB.

Other Adverse Effects:

None.

SECTION 13 DISPOSAL CONSIDERATION

Dispose in accordance with national and local regulations.

WITCH HAZEL ORGANIC – SAFETY DATA SHEET

SECTION 14 TRANSPORT INFORMATION

Transport	ADR/RID ¹	IMDG ²	IATA/ ICAO ³
UN number	Not dangerous goods	Not dangerous goods	Not dangerous goods
UN proper shipping name	Nil	Nil	Nil
Transport hazard class(es)	Nil	Nil	Nil
Packing group	Nil	Nil	Nil

Special Precautions for User:

¹ 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.

² Special provision 144. Aqueous solutions containing 24% or less ethanol by volume.

³ 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

HSNO approval number	N/A
<p>Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:</p> <p>International Inventories:</p> <p><u>US EPA TSCA Inventory:</u> All the components of this product are listed in the EPA TSCA Inventory.</p> <p><u>Canadian Environmental Protection Act:</u> All of the components are listed in the Canadian DSL.</p> <p><u>EU Inventory:</u> All of the components are listed on the EINECS inventory.</p> <p><u>Australia:</u> All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances.</p> <p><u>New Zealand:</u> All of the ingredients of this product are listed on the New Zealand Inventory of Chemicals (NZIoC).</p> <p><u>China:</u> All of the ingredients of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).</p> <p><u>Philippines:</u> All of the ingredients of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).</p>	

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

Version: 00 Revision Date: 10/04/2018. New PIL.

Version: 01 Revision Date: 04/05/2020. PIL SDS Change of address - no changes to SDS.

Version: 02 Revision Date: 04/02/2022: PIL – SA013 27032020

Version: 03 Revision Date: 31/10/2023. PIL – SA013 31032021.