

## 1. PRODUCT AND COMPANY IDENTIFICATION

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Product name	:	Witch Hazel Distillate
Synonyms	:	Distilled Witch Hazel Extract, 14% Alcohol
Country of Origin	:	USA
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Not classified as hazardous or dangerous under (EC) No 1272/2008, 67/548/EEC or 1999/45-EC.

### GHS Label elements, including precautionary statements

Signal: Not applicable

### Hazard statement(s)

Not applicable.

## 3. COMPOSITION / INFORMATION INGREDIENTS

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Product Name	CAS NO	EC NO	Concentration
Witch Hazel Distillate	84696-19-5	283-637-9	85 - 86 %
Alcohol (Ethanol-Standard USP)	64-17-5	200-578-6	14 - 15 %

## 4. FIRST AID MEASURES

### Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs. Remove contact lenses if present and easy to do so.

### Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

### Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

### Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! DO NOT INDUCE VOMITING! If necessary, rinse mouth and provide fresh air. Seek medical attention or contact local poison control center.

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media**

Water spray, water jet, foam, dry powder, sand, dolomite.

**Unsuitable extinguishing media**

None specified.

**Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

**Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

**6. ACCIDENTAL RELEASE MEASURES**

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**Personal precautions, protective equipment and emergency procedures.**

Avoid breathing vapors, mist or gas. Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected persons from entering.

**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.

**Methods and materials for containment and cleaning up**

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

Avoid strong oxidizing agents and flammable/combustible materials.

**7. HANDLING AND STORAGE**

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**Precautions for safe handling**

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

**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 aluminium, zinc, copper or their alloys since Witch Hazel is particularly reactive with iron. Product will discolor if it comes in contact with iron.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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**Exposure 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.

**Eyes**

Use tightly sealed goggles.

**Skin**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

**Respiratory**

In case of insufficient ventilation, wear suitable respiratory equipment.

**Ingestion**

Not for ingestion.

## Exposure limit values

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

TWA: 1000 from OSHA [US]

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Clear, Colorless liquid
Odor	:	Characteristic Witch Hazel odor, free from acetous odor.
pH	:	3.0 to 5.0
Melting Point/Freezing Point	:	-8 °C
Initial b.p and boiling range	:	88 °C
Flash point	:	43.1 °C
Flammability(u/l)	:	Does not sustain Combustion.
Vapor pressure	:	18.75mmHg @ 20 °C
Relative density	:	0.975 to 0.983 @ 25 °C
Solubility (ies)	:	Soluble in water.

## 10. STABILITY AND REACTIVITY

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### Reactivity

Slightly reactive to reactive with combustible materials, metals.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

May react with oxidizing materials.

### Conditions to avoid

Avoid sparks, flame and other sources of ignition.

### Incompatible materials

Aluminium, Zinc, Copper, Copper alloys and Iron. Strong oxidizing agents, flammable /combustible materials.

### Hazardous decomposition products

Carbon Oxides, may produce hydrocarbon fumes.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

Alcohol (Ethanol-Standard USP):

Oral LD50: 20,000ppm (10 hours - rat)

Inhalation LC50: 7060mg/kg (rat)

### Reproductive toxicity

No adverse effects on reproduction are known.

### Inhalation

May cause mild irritation of the throat.

### Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene.

### Eye contact

Slightly hazardous in case of eye contact. Possible irritation should be prevented by wearing safety glasses.

May cause irritation and redness.

## **Ingestion**

May cause nausea.

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## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Avoid any pollution of ground, surface or underground water.

### **Persistence and degradability**

Readily biodegradable.

### **Bio - accumulative potential**

Low bio accumulation potential (ethanol).

### **Mobility in soil**

Not available.

### **Other adverse effects**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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## **13. DISPOSAL CONSIDERATION**

Not a RCRA hazardous waste. Disposal of this material is not regulated under RCRA. Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

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## **14. TRANSPORT INFORMATION**

### **US DOT Shipping Description (Land)**

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 .

### **IMO-IMDG Shipping Description (Sea)**

Not regulated - Special provision 144. Aqueous solutions containing 24% or less ethanol by volume.

### **IATA Shipping Description (Air)**

Not regulated - Special provision A58. Ethanol aqueous solutions containing 24% or less alcohol by volume.

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## **15. REGULATORY INFORMATION**

### **DSL / NDSL**

This product or all of its components are currently listed on the Domestic Substance List (DSL), as described under the Canadian Environmental Protection Act.

### **TSCA**

All products are listed on the United States TSCA inventory.

### **SARA 302**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### **SARA 313**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA title III, Section 313.

### **California Proposition 65**

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list): ETHYL ALCOHOL.

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## **16. OTHER INFORMATION**

Revision date : July 3, 2018

## Disclaimer & Caution

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