

**MATERIAL SAFETY DATA SHEET  
HAMAMELIS (WITCH HAZEL) OIL**

# MSDS

## 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** HAMAMELIS (WITCH HAZEL) OIL EXTRACT  
**INCI Name:** Zea Mays Germ oil, Hamamelis virginiana (Witch Hazel) Leaf Extract, Vitamin E  
**Product Use:** Personal Care Formulations

## 2. COMPOSITION/INGREDIENT INFORMATION

**Composition:** Zea Mays Germ oil (70%) and Hamamelis virginiana (Witch Hazel) Leaf Extract and 0.5% Vitamin E

Zea Mays (Corn) Germ Oil: (CAS No: 8001-30-7) (EINECS No: 232-281-2)

Hamamelis virginiana (Witch Hazel) Leaf Extract: (CAS No: 84696-19-5) (EINECS No: 283-637-9)

Vitamin E (CAS No: 10191-41-0) (EINECS No: 233-466-0)

**Hazardous Components:** None  
No Hazard symbols required

## 3. HAZARDS IDENTIFICATION

Non-hazardous according to the criteria of the Dangerous Substances Regulations.

### Routes of Entry

**Eye Contact:** No known hazard  
**Skin Contact:** No known hazard  
**Ingestion:** No known hazard  
**Inhalation:** No known hazard

## 4. FIRST AID MEASURES

**Eyes:** Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.  
**Skin:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation occurs.  
**Ingestion:** Call a physician.  
**Inhalation:** Remove to fresh air.  
**Medical Conditions Generally Aggravated by Exposure:** None

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Dry Chemical, Carbon Dioxide, Foam  
**Unsuitable Extinguishing Media:** Water  
**Special Firefighting Procedures:** Limit the spread of oil. Use air supplied equipment for fighting interior fires.  
**Unusual Fire & Explosion Hazards:** Not established

## 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

<b>Personal Protection:</b>	N/A
<b>Environmental Protection:</b>	Do not allow to enter sewer systems.
<b>Methods for Cleaning Up:</b>	Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Area may be slippery; take precautions.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Keep away from oxidizing agents, excessive heat and sources of ignition. Product may charge electrostatically. Always use earthing leads when transferring from one container to another.
<b>Safe Handling:</b>	
<b>Storage</b>	Store in a cool (15-20°C), dry location, in a sealed container in a well ventilated area.
<b>Requirements for Storage Areas and Containers:</b>	

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Eye:</b>	Not required but safety glasses may be worn.
<b>Skin/Body:</b>	Not required but lab coats and gloves may be worn.
<b>Respiratory:</b>	Not needed under normal conditions of use.
<b>Ventilation:</b>	Handle in well ventilated areas.
<b>Other:</b>	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
<b>Work/Hygiene Practice:</b>	Normal work and hygiene practices for handling non-hazardous liquid material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid, oily
<b>Color:</b>	Yellow
<b>Odor:</b>	Characteristic
<b>Density 20C:</b>	0.917 - 0.925 g/cm <sup>3</sup>
<b>Acid Value: (% oleic)</b>	Not available
<b>Vapor Pressure (mm Hg.):</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A
<b>Flash Point:</b>	> 200°C
<b>Boiling Point:</b>	> 200°C
<b>Solubility in Water:</b>	Insoluble

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Incompatibility (Materials to Avoid):</b>	None
<b>Hazardous Decomposition or Byproducts:</b>	When exposed to fire or excessive heat, the triglycerides contained in this product may form acrolein.
<b>Conditions to Avoid:</b>	None
<b>Hazardous Polymerization:</b>	Will Not Occur

## 11. TOXICOLOGICAL INFORMATION

**Signs and Symptoms of Exposure:**

None

**Acute oral toxicity:**

LD50 Oral:>20 ml/kg animal weight (rat): Non Toxic

**Medical Conditions Generally**

None

**Aggravated by Exposure:**

**Irritancy:**

Eyes: Non Irritant (DRIAZE TEST, Rabbit)

Skin: Non Irritant (DRAIZE TEST, Rabbit)

**Sensitization:**

Sensitization test/ guinea pig/Buhler Method: non-sensitizing.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely.

However, long term degradation products may arise.

Toxicity of the Products

of Biodegradation: Not available.

Special Remarks on the

Products of Biodegradation: Not available

## 13. DISPOSAL CONSIDERATION

Dispose of according to local authority regulations.

## 14. TRANSPORT INFORMATION

Not considered hazardous for transport.

### FOR TOPICAL COSMETIC USE ONLY

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