

# Earth Friend Herb Co.

## Arthritis-Ease Herbal Tincture

**Date:** March 2017

### 1.) PRODUCT AND SUPPLIER DESCRIPTION

**Trade Name:** Arthritis-Ease **UPC Code:** 8 52219 00403 0

**Ingredients Include:** Herbal plant parts extract combined, ethanol.

#### **Supplier:**

Earth Friend Herb Co. LLC  
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### 2.) HAZARDS IDENTIFICATION

R10—Flammable

### 3.) COMPOSITION AND INGREDIENT INFORMATION

**Definition:** An aqueous ethanolic extraction of herbal material.

**Ingredients:** Juniperus monosperma, Crataegus laevigata, Glycyrrhiza glabra, Verbascum thapsus, Rhodiola rosea, Fucus vesiculosus, Centella asiatica, Petroselinum crispum, Polygonum multiflorum, Zingiber officinale, Lobelia inflata, ethanol, purified water, vegetable glycerin.

### 4.) FIRST AID MEASURES

#### **Eye Contact:**

Flush eyes with copious amounts of cool water for 5 minutes while lifting up the eyelids. If discomfort or irritation continues, seek medical attention at once and continue to rinse.

#### **Skin Contact:**

Remove contaminated clothing at once. Wash all affected areas thoroughly with mild (baby) soap and cool water. If discomfort persists, seek immediate medical attention.

#### **Ingestion:**

Do not induce vomiting. In case of spontaneous vomiting, make sure vomit can drain freely from mouth to prevent danger of suffocation. Never give anything by mouth to an unconscious person. When conscious, rinse mouth with approximately 500ml water. If there is any difficulty in breathing, give oxygen. If breathing stops or shows signs of ceasing, apply artificial respiration. Obtain professional medical attention at once should symptoms continue.

#### **Inhalation:**

Move person into untainted fresh air. If recover is not evident, seek professional medical attention.

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## 5). FIRE FIGHTING MEASURES

### **Extinguishing Media:**

Use alcohol resistant foam, water spray, carbon dioxide (CO<sub>2</sub>). dry chemicals, standard fire suppression foam. Keep containers and surroundings cool with water spray.

### **Hazardous Combustion Products:**

Complete combustion may occur in the release of toxic carbon Monoxide.

### **Protective Measures in Fire:**

Fire Fighters should wear self contained breathing apparatus and eye protection.

## 6). MEASURES IN CASE OF ACCIDENTAL RELEASE

### **Personal Precautions:**

Wear appropriate protective clothing. Eliminate all sources of ignition including all open flames.

### **Environmental Precautions:**

Keep away from drains, soil and landfill, all surface and ground waters.

### **Cleaning Up Methods:**

Vacuum up using wet vac, or sweep up using absorbent material to be placed into a suitable, dry, sealable closed container for proper disposal. Material not reactive with any metals, glass or plastics or any other form of container material.

## 7).HANDLING AND STORAGE

### **Usage:**

Product should be handled according to the tenets of good industrial safety practices. Use in well ventilated area. Avoid continual inhaling of vapor. Avoid contact with eyes, skin and clothing. Keep all containers tightly closed when not in use.

### **Storage Conditions:**

Storage area should be cool and well ventilated. Store away from sources of heat or ignition, both gas and electrical. Storage and transfer equipment should be adequately grounded to prevent the accumulation of static electrical charges.

## 8). EXPOSURE CONTROLS/PERSONAL PROTECTION

Ensure adequate workable ventilation. Use chemical resistant gloves. Always use eye protection when pouring. Use respiratory protection if there is a risk of exposure to high concentrated vapor clouds. Wear PPE appropriate to the quantity of material handled.

## 9). PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** A mobile liquid.

**Color:** Medium brown with medium amber overtones.

**Flash Point:** 75.2 degrees F.

**Ethanol Content:** 25—30% v/v

## 10}. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal temperatures, atmospheres and elevations.

**Incompatibilities with Other Materials:** Strong oxidizers. Nitric acid.

**Hazardous Decomposition Products:** Carbon oxides.

## 11). TOXICOLOGICAL INFORMATION

**General:** May be mildly if inhaled or ingested.

**Inhalation:** Extremely high vapor concentration exposure may cause CNS (central nervous system) depression or display similar effects to those of ingestion.

**Eyes:** May cause temporary eye irritation or damage if not properly treated at time of accidental exposure.

**Other Health Effects:** In relation to the ethanol portion of the preparation, prolonged exposure has been shown to affect the male reproductive system as reported in laboratory animals.

## 12). ECOLOGICAL INFORMATION

Readily biodegradable and breaks down rapidly with no or little residue with rain or water applied.

## 13). DISPOSAL CONSIDERATIONS

This material must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations in compliance with Duty of Care Regulations and Special Waste Regulations as waste from manufacture, supply and use of pharmaceuticals.

## 14). TRANSPORT INFORMATION

**DOT Classification: R10 Flammable Liquid**

**UN No: 1293 (Tincture, Medicinal)**

**Class 3**

**Packaging Group III**

## 15). REGULATORY INFORMATION

**R10 Flammable Liquid**

## 16) OTHER INFORMATION

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