

## Neem Oil

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Neem Oil  
**Product Code(s):** NEEM-12  
**Other means of Identification:** n/a  
**Recommended Use:** External topical use oil/Emollient

<b>Manufacturer/Marketer:</b> P.F. Harris Manufacturing Company, LLC P.O. Box 1922 Cartersville, GA 30120 Email: <a href="mailto:info@pfharris.com">info@pfharris.com</a> <a href="http://www.pfharris.com">www.pfharris.com</a>	<b>Customer Service:</b> 1-800-637-0317 or 770-667-6549, Monday-Friday, 9am – 5pm EST  <b>Emergency:</b> National Poison Control: 1-888-222-1222 24 hour Emergency Telephone: 1-800-255-3924
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**SECTION 2. HAZARDS IDENTIFICATION****OSHA Regulatory Status:**

This material is not considered hazardous and is exempt from hazard classification by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**HAZARDS CLASSIFICATION:** None

**SIGNAL WORD:** None

**GHS HAZARD PICTOGRAMS:** Not Applicable

**Hazard Statements:** May cause mild skin irritation. May cause an allergic skin reaction in susceptible persons.

**Chronic/Long Term Effects:** None

**Acute/Potential Health Effects:**

**EYES:** May cause mild, reversible eye irritation.

**SKIN:** May cause mild reversible skin irritation. Repeated or prolonged contact may cause allergic reactions in susceptible persons.

**INHALATION:** No acute effects.

**INGESTION:** Ingestion of large quantities may cause irritation of the digestive tract.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Substance

Chemical Name	CAS Number	WT %
Azadirachta (NEEM) Seed Oil	8002-65-1	100%

### SECTION 4. FIRST AID MEASURES

**EYES:** Rinse thoroughly with plenty of water. If symptoms arise or persist, call a physician.

**SKIN:** Wash with soap and water. Get medical attention if irritation persists.

**INHALATION:** Remove to fresh air.

**INGESTION:** Rinse mouth and drink plenty of water. Never give anything by mouth to an unconscious person.

### SECTION 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use any means suitable for extinguishing surrounding fire.

**SPECIFIC HAZARDS:** Products of combustion include compounds of carbon and oxygen, including carbon monoxide.

**SPECIAL PROTECTIVE EQUIPMENT:** Safety glasses, gloves.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain and recover material when possible. Soak up with inert absorbent material. Place into a suitable container for reclamation or disposal. Dispose of in accordance with applicable local regulations.

### SECTION 7. HANDLING AND STORAGE

**HANDLING:** Use this product only in a manner consistent with its labeling. For external use only. Do not ingest. Avoid prolonged contact with skin and eyes. When using do not eat, drink or smoke.

**STORAGE:** Store in original container in a cool, well-ventilated, dry place away from direct sunlight. Avoid temperature extremes. Keep out reach of children and pets. Do not store near food/feeds. Emptied containers may retain product residues.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** No special controls indicated.

**Eye Protection:** Not normally required.

**Skin Protection:** Not normally required.

**Respiratory Protection:** Not normally required. Use with adequate ventilation.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Appearance and Odor:** Amber with a pungent/nutty/garlic odor

**pH:** 5.0 – 6.0

**Freezing Point:** 57.2°F

(14°C)

**Boiling Point:**

347°F (175°C)

**Flash Point:** >200°F

(93.3°C)

**Evaporation Rate (water=**

1): N/A

**Flammability:** N/A

**Upper/Lower Explosive limits:** N/A

**Vapor Pressure:** N/A

**Vapor Density (air=1) (20°C) :** >1

**Specific Gravity (Water=1):** 7.8 lbs. /gal

**Solubility:** Dispersible in water

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Conditions to Avoid:** Exposure to direct light and heat

**Hazardous Decomposition Products:** None.

**Incompatible Materials:** Incompatible with oxidizing agents, reducing metals, alkalis and acids

## SECTION 11. TOXICOLOGICAL INFORMATION

**Toxicological Data:**

**Eye Irritation:** May cause mild, reversible eye irritation

**Skin Irritation:** May cause mild, reversible skin irritation

Dermal LD50: >2g/kg

**Ingestion:** May cause irritation of the digestive tract

Oral LD50: >5g/kg

**Inhalation:** May be irritating, but not likely from normal use

Inhalation LC50: >6.2 mg/l

**Skin Sensitization:** Not classified as a skin sensitizer

**Chronic effects:** Repeated skin exposure may cause slight sensitization

**Carcinogenicity:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

## SECTION 12. ECOLOGICAL INFORMATION

**Toxicological Data:** This product is toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of wash water or rinsate.

**Persistence and Degradability:** No data available.

**Environmental Effects:** This product is not expected to be dangerous to the environment with respect to mobility, persistency, and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Place in trash or offer for recycling if available. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**SECTION 14. TRANSPORT INFORMATION**

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	Not regulated	Not regulated	Not Classified	Not Classified
UN Proper Shipping Name	-	-	-	-
Transport Hazard Class	-	-	-	-
Packing Group	-	-	-	-
Environmental Hazards	-	-	-	-
Additional Information	-	-	-	-

**SECTION 15. REGULATORY INFORMATION****US Federal Regulations:**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** The ingredients of this product are listed or exempted from listing because of Low Volume Exemption has been granted in accordance with 40 CFR 723.50

**SARA 302/304 EMERGENCY PLANNING EMERGENCY PLAN:** There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

**SARA 311/312:** Acute Health:  Chronic:  Fire:  Sudden Release of Pressure:  Reactive:

**SARA 313 (Specific Toxic chemical listings):** None

**State and Local Regulations:** Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this SDS, states listed below may have regulations on ingredients contained in this product. Check with your state for additional regulations.

**CA Proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986):** This product does not contain any Proposition 65 chemicals.

**SECTION 16. OTHER INFORMATION**

**Date of issue/revision:** 10/23/2017

**Version:** 1.0

**Date of previous issue:** none

**Notice to reader:** This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handles or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractor and customers who will use this product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.