

Neem Oil Concentrate

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Neem Oil Concentrate
Product Code(s): NEEM-8c
Other means of Identification: n/a
Recommended Use: Ornamental Gardening

Manufacturer/Marketer:

P.F. Harris Manufacturing Company, LLC
P.O. Box 1922
Cartersville, GA 30120
Email: info@pfharris.com
www.pfharris.com

Customer Service: 1-800-637-0317 or 770-667-6549,
Monday-Friday, 9am – 5pm EST

Emergency:

National Poison Control: 1-888-222-1222
24-hour Emergency Telephone: 1-800-255-3924

SECTION 2. HAZARDS IDENTIFICATION

OSHA Regulatory Status:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

HAZARDS CLASSIFICATION:

Eye Irritation – Subcategory 2B

SIGNAL WORD: WARNING

GHS HAZARD PICTOGRAMS: None

Hazard Statements: Causes eye irritation.

Precautionary Statements: Wash thoroughly after handling.

Acute/Potential Health Effects:

EYES: Direct contact may cause transient eye irritation.

SKIN: No known acute effects.

INHALATION: No known acute effects.

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

Chronic/Long Term Effects: None known

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS Number	WT %
Azadirachta (NEEM) Seed Oil	8002-65-1	80%

The remaining components of this product are non-hazardous or are in small enough quantities as to not to meet thresholds for disclosure. These components contain no substances or impurities which influence the classification of this product.

SECTION 4. FIRST AID MEASURES

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

SKIN: No anticipated need for first aid measures. Wash area with soap and water. Get medical attention if irritation develops.

INHALATION: No anticipated need for first aid measures.

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. Do not ingest. Avoid eye contact. 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 of 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: Recommended: safety glasses

Skin Protection: Recommended: protective gloves

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

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance and Odor: Light to medium amber with a pungent/nutty/garlic odor

pH: 5.0 – 6.0

Freezing Point: N/A

Boiling Point:

N/A

Flash Point: N/A

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): 0.91

Solubility: Dispersible in water

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Protect from temperature extremes

Hazardous Decomposition Products: None.

Incompatible Materials: None noted

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Oral LD50 (rat): >5,000 mg/Kg

Dermal LD50 (rat): >5,000 mg/kg

Inhalation LC50 (rat): 1.1 ml/liter of air

Eye contact: Direct contact can cause transient eye irritation.

Sensitization: None known.

Acute effects: May be harmful if swallowed in large/excessive quantities.

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

Ecological Data: This product is not intended for aquatic environments. May be toxic to fish and aquatic invertebrates. Do not apply directly to or around bodies of water. Do not contaminate water when disposing of wash water or rinsate.

Persistence and Degradability: Neem oil degrades rapidly and does not persist in the environment.

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 regulated	Not regulated
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. 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: 01/27/2022

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.