

Material Safety Data Sheet
March 1, 2002

Chemical Name: Pure Neem Oil
Formula: Pure Neem Oil
CAS Number (s): 8002-65-1

Section 1: Manufacturer or Supplier

Dyna-Gro Nutrition Solutions, 1065 Broadway, San Pablo, CA 94806, Emergency Phone (510) 233-0254

Section 2: Hazardous Ingredients

Contains no hazardous mixtures

Section 3: Physical Data & Ingredients

Physical State at STP: Liquid	pH: 6.5 - 7.5
Appearance: Brown	Specific Gravity: 0.9137
Odor: Garlic	Solubility in Water: Slightly Soluble
Boiling Point: > 392° F	Vapor Pressure at 20° C: < 1.33 EE-5 Pa
Melt/Freeze Point: 55° F	Vapor Density: Greater than air

Section 4: Fire, Explosion & Reactivity Hazard Data

Flash Point: >239° F
Extinguishing Media to Use: Dry Chemicals, CO₂, Water or Foam
Special Fire Fighting Procedures: None
Unusual Fire & Explosion Risk: None
Incompatibility: None Noted
Hazardous Decomposition Products ...: N/A
Conditions to Avoid: None

Section 5: Health Hazard Data

Effects of Over-Exposure: None Noted.

Health Effects or Risks from Exposure:

Acute Eye Contact: May cause mild, reversible eye irritation.
Chronic Eye Contact: Chronic exposure not likely from normal use.
Acute Skin Contact: May cause mild, reversible skin irritation. LD50 >2g/kg
Chronic Skin Contact: Repeated exposure may cause mild sensitization.
Acute Ingestion: LD50 >5g/kg
Chronic Ingestion: Chronic exposure not likely from normal use.
Carcinogenicity: NTP: N/A IARC: N/A OSHA: N/A

Medical Conditions Aggravated by Exposure: None Noted.

Section 5: Health Hazard Data---continued

Emergency First Aid:

- If Swallowed: Less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, drink one or two glasses of water and get medical attention.
- Skin Exposure: Wash with soap and water. Get medical attention if irritation develops or persists.
- Eye Exposure: Flush eyes with plenty of water. Get medical attention if irritation persists.
- If Inhaled: Remove to fresh air. Get medical attention if irritation persists.

Section 6: Spill or Leak Procedures

- Environmental Hazard: Do not apply directly to water, or to areas where surface water is present. This product is toxic to bees exposed to direct treatment.
- Spillage: Absorb the liquid and scrub the area with detergent and water. Avoid runoff into storm sewers and ditches that lead to waterways.
- Waste Disposal Method: Wastes resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility.

Section 7: Special Protection Information

- Respiratory Protection : No special requirements.
- Ventilation : No special ventilation requirements.
- Eye Protection : Use of safety goggles is recommended.
- Skin Protection : Use of rubber gloves is recommended.

Section 8: Handling & Storage Conditions

- Storage Temperature (Min./Max.): 55° F / 95° F
- Shelf Life : Stable under normal storage conditions for upwards of two years.
- Special Sensitivity : Keep from freezing.
- Handling & Storage Precautions . . : None.

Section 9: Transportation Information

- D.O.T. Proper Shipping Name . . . : N/A
- Technical Shipping Name : Pure Neem Oil
- D.O.T. Hazard Class : N/A

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