

Material Safety Data Sheet
March 1, 2004

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, (800) 396-2476 or (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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