

MATERIAL SAFETY DATA SHEET
GENERAL HYDROPONICS DIAMOND NECTAR™
3/6/09

SECTION 1. MATERIAL IDENTIFICATION

Product Name: General Hydroponics Diamond Nectar™

Chemical Family: humic acid extract of leonordite in aqueous solution.

General Use: An auxiliary soil and plant substance

Manufactured by: General Hydroponics, 3789 Vine Hill Rd., Sebastopol CA 95472.
(707) 824-9376 Fax: (707) 824-9377

For Emergency Day or Night Call: CHEMTREC – Domestic North America 800-424-9300,
International 703-527-3887 (collect calls accepted)

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: Diamond Nectar™ is an exclusive humic acid extract of leonordite in aqueous solution. CAS Number 1415-93-6.

Exposure Limits: No limits are established for exposure to aqueous solutions of humic acid.

SECTION 3. HAZARDS IDENTIFICATION

***** Emergency Overview *****

**CAUTION: DIAMOND NECTAR™ CAN BE IRRITATING TO THE
RESPIRATORY SYSTEM, EYES, AND SKIN.**

Potential Health Effects

Primary Entry Routes: Inhalation

Target Organs: Lungs

Inhalation: Can be irritating to the respiratory system.

Ingestion: Unknown

Eye: Irritation

Skin: Irritation

Carcinogenicity: IARC, NTP, and OSHA do not list humic acid as a carcinogen.

Medical Conditions Aggravated by Long- Term Exposure: Unknown

Chronic Effects: Not known

Other: Not known

SECTION 4. FIRST AID MEASURES

Inhalation: Remove exposed person to fresh air and support breathing, if necessary. Consult a physician if respiratory distress continues.

Ingestion: Never give anything by mouth to an unconscious or convulsing person. Contact a poison control center. Unless the poison control center advises otherwise, have the conscious and alert person drink 1 to 2 glasses of water, then induce vomiting.

Eye Contact: Do not allow victim to rub or keep eyes tightly shut. Gently lift eyelids and flush immediately and continuously with flooding amounts of water for at least 15 minutes. Consult a physician or ophthalmologist if pain or irritation develops.

Skin Contact: Wash exposed area with soap and water. For reddened or blistered skin, consult a physician.

After first aid: Get appropriate community medical support.

SECTION 5. FIRE AND EXPLOSION DATA

Flash Point: Unknown

Auto-ignition Temperature: Unknown

LEL: Unknown

Flammability Classification: Unknown

Extinguishing Media: Use dry chemical, carbon dioxide, water spray, fog, or foam.

Unusual Fire or Explosion Hazards: Container may explode in heat of fire.

Hazardous Combustion Products: Emits toxic fumes under fire conditions.

Fire-Fighting Instructions: Do not release run-off from fire control methods to sewers or waterways.

Fire Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill /Leak Procedures: Wipe up with absorbent towels or mop

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

SECTION 7. HANDLING AND STORAGE

Handling Precautions: Avoid inhalation of mist. Wear an appropriate NIOSH-approved respirator for protection against mists where mists levels are excessive. Respirator usage must be in accordance with OSHA requirements (29 CFR 1910.134).

Storage Requirements: No special requirements

Regulatory Requirements: Follow applicable OSHA regulations

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations as low as possible.

Administrative Controls: Avoid breathing mist.

Respiratory Protection: If this product is used as directed, respiratory protection is not required. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/ NIOSH-approved respirator. If respirators are used, OSHA requires a written respiratory protection program that includes, at least: medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: No special clothing is required.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Aqueous solution

Specific Gravity: 1.031

Appearance and Odor: Golden-colored liquid with no odor

pH: 5.21

Odor Threshold Range: Unknown

Vapor Pressure: 570

Water Solubility: Soluble.

Other Solubilities: Unknown

Boiling Point 100⁰ C

Freezing Point / Viscosity: Unknown

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable at room temperature in closed containers, under normal storage and handling conditions.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Neutralization reaction will occur if exposed to alkaline materials.

Conditions to Avoid: Inhalation of mist

Hazardous Decomposition Products: Unknown

SECTION 11. TOXICOLOGICAL INFORMATION

Not believed to be toxic

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Unknown

Environmental Fate: Not expected to be significant

Environmental Degradation: Unknown

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal: Follow Federal, State, and local regulations.

SECTION 14. TRANSPORTATION INFORMATION

DOT Transportation Data (49 CFR 172.101): Not listed

SECTION 15. REGULATORY INFORMATION

EPA Regulations: Not listed

SECTION 16. OTHER INFORMATION

General Hydroponics Diamond Nectar is a plant nutrition product. Information assembled for this Material Safety Data Sheet is for the use of this product as intended by the manufacturer. Users should take all precautions recommended herein while working with this product.

General Hydroponics provides the information contained herein in good faith, but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in using this product.