

SAFETY DATA SHEET (SDS)

Nu-Arbor Tree & Shrub Care Products

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Nu-Arbor Tree & Shrub Fertilizer Plus Root Enhancer 5-16-16
 Common Name: Liquid fertilizer
 Identified Uses: Intended for agriculture. Not for human consumption.

Supplier: Grand Arbor Group, Inc. dba
 Nu-Arbor Tree & Shrub Care
 1730 Olson NE Ste A
 P.O. Box 151455
 Grand Rapids, MI 49515
 Telephone: (888) 773-8777 / (616) 456-8626
 FAX: (616) 456-7780
 Emergency Telephone: (800) 424-9300

II. HAZARDS IDENTIFICATION

Classification:
 Skin Irritant 2 H315
 Eye Irritant 2B H320
 Oral Irritant 4 H302



Hazard pictogram:

Signal word: Warning
 Hazard statements:
 H315 - Causes skin irritation
 H319 - Causes eye irritation
 H302 - Harmful if swallowed
 Precautionary statements:
 P264 - Wash thoroughly after handling
 P280 - Wear eye/face protection and protective gloves
 P270 - Do not eat, drink, or smoke when using this product.
 P273 - Avoid release to environment.
 P303 - Rinse mouth
 P362 - Take off contaminated clothing and wash before reuse
 P302+P352 - If on skin: Wash with plenty of soap and water
 P308+P313 - If exposed or concerned: Get medical advice/attention
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P301+312 - If swallowed, call a poison center/doctor if you feel unwell
 P332+P313 - If skin irritation occurs: Get medical advice/attention
 P337+P313 - If eye irritation occurs: Get medical advice/attention
 P501 - Dispose of contents/container in accordance with local/regional/national regulations

III. COMPOSITION/INFORMATION ON INGREDIENTS

Blend of the following ingredients:

| Chemical Compound | CAS Number |
|-----------------------|---------------------|
| Potassium Phosphate | 7758-11-4 |
| Ammoniated Phosphates | 7722-76-1/7783-28-0 |
| Urea | 57-13-6 |

*Ingredients not specifically listed are non-hazardous and/or are considered to be confidential

IV. FIRST AID MEASURES

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| If in Eyes: | Hold eyelid open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor immediately for treatment advice. |
| If on Skin: | Take off contaminated clothing. Rinse skin immediately with plenty of soap and water for 15-20 minutes. If irritation persists, call a poison control center or doctor immediately for treatment advice. |
| If Swallowed: | Do not induce vomiting. Give large quantities of water. Do not give anything to an unconscious or convulsing person. Call a poison control center or doctor immediately for treatment advice. |
| Inhalation: | Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If irritation persists, call a poison control center or doctor immediately for treatment advice. |

Hotline Number: Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency, call ChemTrec at 1-800-424-9300.

V. FIRE FIGHTING MEASURES

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| Firefighting notes: | Material will not burn. |
| Suitable extinguishing media: | Use extinguishing media for surrounding cause of fire. |
| Special Information: | In the event of a fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus. |

VI. ACCIDENTAL RELEASE MEASURES

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| Spill procedure: | Ventilate area of leak or spill. Wear appropriate personal protective equipment. Capture product and reuse material if uncontaminated. If contaminated, place in a suitable container for proper disposal. |
| Clean-up | Mop, vacuum, scoop, or sweep up material and place in container for disposal. |

VII. HANDLING AND STORAGE

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| Precautions for safe handling: | Keep out of reach of children. Containers of this material may be hazardous when empty since they may contain residues; observe all warnings and precautions listed for the product. |
| Storage Conditions: | Keep in closed container and properly labeled, store in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. May be corrosive to copper, brass or mild steel. |

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Skin protection: | Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate to prevent skin contact. |
| Eye protection: | Use chemical safety goggles and/or full face shield when splashing of solutions is possible. Maintain eye wash and quick-drench facilities in work area. |
| Ventilation System: | A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details. |

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| Personal Respirators (NIOSH): | For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. |
| Other information: | Do not eat, drink, or use tobacco during use. Practice good hygiene after use of this material; especially before eating, drinking, smoking, using the toilet, or applying cosmetics. |

IX PHYSICAL AND CHEMICAL PROPERTIES

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| Physical description: | Liquid |
| Color: | Clear. |
| Odor: | No data available |
| Odor threshold: | No data available |
| Vapor density: | No data available |
| pH: | 7.5 |
| Relative density: | 1.400 |
| Melting/freezing point: | - 35°F |
| Solubility: | Soluble in water |
| Boiling point: | No data available |
| Flash point: | No data available |
| Flammability: | No data available |
| Vapor Pressure: | No data available |
| Partition coefficient: | No data available |
| Auto-ignition temperature: | No data available |
| Viscosity: | No data available |

X. STABILITY & REACTIVITY

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| Chemical stability: | Stable under normal conditions of use and storage. |
| Incompatibility with other materials: | Acids, hypochlorites, strong oxidizing agents. |
| Hazardous combustion: | Will not occur. |
| Hazardous polymerization: | Will not occur. |
| Hazardous decomposition products: | When heated (in a fire) to decomposition, may give off ammonia and phosphorus oxides. |

XI. TOXICOLOGY

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| Potential acute toxicity: | |
| Eyes: | May cause eye irritation. |
| Skin: | May cause skin irritation. |
| Ingestion: | May cause nausea, vomiting, or diarrhea. |
| Potential chronic toxicity: | |
| Chronic effects: | No known significant effects or critical hazards |
| Carcinogenic effects: | No known significant effects or critical hazards. |
| Mutagenic effects: | No known significant effects or critical hazards. |
| Reproductive toxicity: | No known significant effects or critical hazards. |

XII. ECOLOGICAL INFORMATION

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|----------------------------|--------------------------------------------------|
| Aquatic ecotoxicity: | Not Determined |
| Biodegradability: | Not Determined |
| Environmental Precautions: | No known significant effects or critical hazards |
| Mobility: | Not available |
| NU-ARBOR TREE | |

Other Adverse Effects: No known significant effects or critical hazards

XIII. DISPOSAL CONSIDERATIONS

Waste Disposal Method: This material must be disposed of according to federal, state, or local procedures under the resource conservation and recovery act.

Container Disposal: Triple rinse and dispose of in accordance the federal, state, and local laws and regulations

XIV. TRANSPORT INFORMATION

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| Shipping Name: | Not regulated by DOT |
| Hazard Class: | None |
| Identification No.: | None |
| Labels Required: | None |
| Placarding: | None |

XV. REGULATORY INFORMATION

SARA Title III Information:

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| Section 302: | None listed |
| Section 311/312: | Acute |
| Section 313: | None listed |

CERCLA: None listed

California Proposition 65: None listed.

U.S. State Worker and Community Right-To-Know (RTK) Information:

XVI. OTHER INFORMATION

DISCLAIMER: The information presented herein is based on available data from reliable sources and is correct to the best of Nu-Arbor Tree & Shrub Care Products' knowledge. Nu-Arbor Tree & Shrub Care Products makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions.

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