MATERIAL SAFETY DATA SHEET
MOONSHINE PARK FARM
K MAGIC, PART 2
10/10/10

SECTION 1: MATERIAL IDENTIFICATION

Product Name: K Magic, Part 2.
Chemical Family: Citrates and aqueous solution of Iron Chelate.
Product Use: Soil applied plant nutrient.
Manufactured by: Moonshine Park Farm, 718 Moonshine Park Road, PO Box 79, Logsden, OR 97357, (541) 444-2298.

SECTION 2: INGREDIENTS AND COMPOSITION INFORMATION

Ingredients: K Magic is derived from the following materials:

Chemical Names	C.A.S. No.	Chemical Formula	Weight %
Potassium Citrate, Mono Basic	866-83-1	C6H7K07	Proprietary
Potassium Citrate, Tribasic	6100-05-6	C6H5K307.H20	Proprietary
FeEDDHA, Ethylenediamine-di-(o-hydroxyphenylacetic acid) Ferric Sodium complex.	16455-61-1	C18.H16.N2.O6.FeNa	1.236

SECTION 3: HAZARDS IDENTIFICATION

Potential Acute Health Effects: irritant eye, slight irritant skin, cathartic by ingestion, of Inhalation(lung irritant).
Potential Chronic Health Effects: None known.

SECTION 4: FIRST AID MEASURES

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with water for at least 15 minutes. Get Medical attention.
Skin Contact:
K Magic concentrate is slightly (pH 9) alkaline may be very slightly irritating on prolonged contact. **K Magic** concentrate may temporarily stain skin a reddish color. Prompt soap and water washing of contacted skin is recommended.
Ingestion:
K Magic contains Potassium citrate in concentrate. May be cathartic, causing nausea and diarrhea.
K Magic also contains 7.57 mg Iron per 10 mL concentrate. Seek medical advice for potential Iron overload if ingested.
Inhalation:
Inhalation of aerosolized **K Magic** concentrate may cause lung irritation, coughing and shortness of breath. Remove victim from exposure and seek prompt medical attention.

SECTION 5: FIRE AND EXPLOSION DATA

Flammability Classification: Non flammable nor supports combustion.
Auto-Ignition Temperature: None.
Flash Point: None.

Flammable Limits: None.
Products of Combustion: When allowed to dry and exposed to extreme heat, **K Magic** concentrate is expected to create water, carbon dioxide and mineral ash.
Fire and Explosion Hazards in Presence of Various Substances: None known.
Fire Fighting Media and Instructions: Not available.
Special Remarks on Fire Hazards: Not available.
Special Remarks on Explosion Hazards: Not available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill: Mop and water rinse. May stain concrete. Save water for landscape and tree fertilization.
Large Spill: Dike area and maximize recovery. Shop vacuum. Then water rinse area and recycle waste, appropriately diluted, for tree fertilization.

SECTION 7: HANDLING AND STORAGE

Precautions:
Mild irritant. Do not breathe aerosolized concentrate. Mildly irritating to skin on prolonged contact. May temporarily stain skin and concrete.
Storage:
No specific storage is required. Use sturdy shelves or cabinets built to bear the weight of the material. Do not strain to reach the material.

SECTION 8: EXPOSURE CONTROLS /PERSONAL PROTECTION

Engineering Controls: Use process enclosures or other engineering controls to keep spilled liquid contained.
Ventilation Protection: Maintain adequate ventilation in workplace.
Respiratory Protection: None required under normal conditions.
Protective Clothing: Normal work clothing and liquid impervious gloves.
Eye Protection: Safety glasses with side shield or chemical splash-proof goggles.
Other: Eyewash fountain and safety shower in work area.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Physical state and appearance: Dark red liquid.
Odor: Iron rust.
Taste: Not known.
Color: Dark red.
pH: 9
Boiling Point: Not available.
Melting Point: Not available.
Critical Temperature: Not available.
Specific Gravity: 8.8 LBS per Gallon.
Vapor Pressure: Not available.
Volatility: Not available.
Odor Threshold: Not available.
Water/Oil Distribution Coefficient: Not available.
Ionicity (in water): Not available.
Solubility in Water: Completely soluble in water.

SECTION 10: STABILITY and REACTIVITY DATA

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Not available.
Incompatibility with Various Substances: Not available.
Corrosivity: Non-corrosive in plastic or glass.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity: Not available.
Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Route of Entry: Eye contact. Inhalation. Ingestion.
Toxicity to Animals: LD50 not available. LC50 not available.
Chronic Effects on Humans: Not available.
Other Toxic Effects on Humans: Eye irritant. Mild skin irritant. Cathartic if ingested. Irritant if inhaled.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on Toxic Effects on Humans: Not available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Contains soluble Iron. Do not allow entry into streams or watershed.
BOD5 and COD: Not available.
Products of Biodegradation: Product is plant food; contains plant nutrients.
Toxicity of the Products of Biodegradation: No further biodegradation nor toxicity anticipated.
Special Remarks on the Products of Biodegradation: Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: This product and its spent solutions, when suitably diluted, are expected to be recycled into useful landscape and tree plantings.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material.
Identification: Not applicable.
Special Provisions for Transport: Not applicable.

SECTION 15: OTHER REGULATORY INFORMATION

EPA Regulations: Not listed.

SECTION 16: OTHER INFORMATION

Moonshine Park Farm K Magic is a plant nutrient product. All information supplied by this Material Safety Data Sheet is for the properly trained user's safe utilization of this product.