

J. J. MAUGET COMPANY 5435 PECK ROAD ARCADIA, CA. 91006-5847 In Case of Emergency, Call (626) 444-1057

STEMIX PLUS $_{\scriptsize \scriptsize \$}$ MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: STEMIX® Plus REGISTRATION NUMBER: None required

GENERAL USE: Dilute liquid fertilizer for tree injection use

PRODUCT DESCRIPTION: Green liquid

MSDS No.: 101-2

CURRENT REVISION DATE: April 11, 2005

MANUFACTURER
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SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION Wt.%

Solute1 4.12 Water 95.88 100.00

1Solute is a mixture of Diammmonium Phosphate (CASN 7783-28-0), Potassium Nitrate (CASN 7757-79-1) and chelated micronutrients consisting of Iron EDTA, Calcium EDTA, Copper EDTA, Magnesium EDTA, Manganese EDTA, and Zinc EDTA.

Total Nitrogen (N)	1.21
0.71 Wt.% Ammoniacal Nitrogen	
0.50 Wt.% Nitrate Nitrogen	
Available Phosphate (P205)	0.92
Soluble Potash (K2O)	1.00
Calcium (Ca)	0.18
Copper (Cu)	0.08
Iron (Fe)	0.27
Magnesium (Mg)	0.09
Manganese (Mn)	0.08
Zinc (Zn)	0.29

Packaging: Micro-injector at 6 mL

SECTION 3 HAZARDS IDENTIFICATION

Wt.%

 ${\sf STEMIX\ PLUS}_{\it \tiny{\it \textcircled{\it B}}}$ dilute aqueous fertilizer in a ready to use micro-injector is basically a non-hazardous product.

SKIN CONTACT: No data available EYE CONTACT: No data available

INGESTION:

INHALATION:

LONG TERM EFFCTS:

Not normal route of entry
No adverse effects known

SECTION 4 FIRST AID MEASURES

SKIN: Wash with soap and water

EYES: Wash with water for at least 15 minutes.

Seek medical attention if any irritation persists.

INGESTION: Wash mouth out with water. Drink additional water.

INHALATION: N.A.

INGREDIENT

SECTION 5 FIRE FIGHTING MEASURES

N.A.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Wash into soil or into drain.

SECTION 7 HANDLING AND STORAGE

Store micro-injectors in a cool, dry place. Do not expose micro-injectors to temperatures below 320 F (00 C). Protect micro-injectors from excessive heat.

Keep out of the reach of children.

Do not re-use micro-injectors.

SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

VENTILATION PROTECTION: N.A.

RESPIRATORY PROTECTION: None required

PROTECTIVE CLOTHING: Long sleeve shirt, long pants and gloves recommended

EYE PROTECTION: Protective eyewear recommended

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 1 000 C
Density: 1.056
Flash Point: None
pH: Not listed
Appearance: Green liquid
Solubility, Water: Miscible

% Volatiles: N.A.

Reaction with Water: None

Vapor Pressure mm Hg: Same as water

Odor: No characteristic odor

SECTION 10 STABILITY AND REACTIVITY

Stability (Normal Conditions): stable

Incompatibility (Materials to Avoid):
Hazardous Decomposition Products:
Hazardous Polymerization:
Conditions to Avoid:

None known

None known

SECTION 11 TOXICOLOGY INFORMATION

Acute Toxicology: Not determined

SECTION 12 ECLOGICAL INFORMATION

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of used micro-injectors in accordance with state and local regulations.

SECTION 14 TRANSPORT INFORMATION

Shipping Name: Not regulated

Hazard Class: None

Hazard Label: None required

SECTION 15 REGULATORY INFORMATION

FIFRA: Not regulated SARA TITLE 111: None

CERCLA: None

WASHINGTON STATE, USA Meets metal standards

SECTION 16 OTHER INFORMATION

DEFINITIONS;

N.A.: Not Applicable

SARA TITLE 111: Superfund Amendments and Reauthorization Act CERCLA: Comprehensive Response Compensation And Liability Act

The information and recommendations contained herein are based upon data believed to too be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.