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## SAFETY DATA SHEET

SDS

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### I – PRODUCT IDENTIFICATION

TRADE NAME (as labeled)           **FERTA-PLEX 8-0-0**

MANUFACTURER'S NAME           GROW MORE, INC.  
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EMERGENCY PHONE NUMBER       800-424-9300

DATE PREPARED/REVISED         January 2, 2015

NAME OF PREPARER                 H. Langheim

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### II – HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW

**APPEARANCE** – Dark brown liquid

**ODOR** -           None

#### POTENTIAL HEALTH EFFECTS

**EYES** -           **H318** Cause serious eye irritation.

**SKIN** -           **H314** Repeated contact may be corrosive or burns depending on the extent of exposure.

**SWALLOWED** – **H302** Harmful if swallowed.

**CARCINOGENICITY** – No component of this product is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, OSHA, NTP.

**SIGNAL WORD** – No signal word

#### PRECAUTIONARY STATEMENTS

P102 – KEEP OUT OF REACH OF CHILDREN

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P302 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P310 IF IN EYES: Rinse with water for 15 minutes. Remove contact lenses. Hold eye lids apart while flushing.

P332 + P313 If skin irritation occurs: Get medical attention.

P362 Take off contaminated clothing and wash before reuse.

P410 PROTECT FROM SUNLIGHT.

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**III – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>CHEMICAL NAME</b>	<b>CAS No.</b>	<b>%</b>
Iron EDTA	15708-41-5	Trade secret
Iron Lignosulfonate		Trade secret
Iron Sulfate	10028-22-5	Trade secret
Zinc Sulfate	7446-20-0	Trade secret
Manganese EDTA	15375-84-5	Trade secret
Magnesium Sulfate	10034-99-8	Trade secret
Urea	57-13-6	Trade secret

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**IV – FIRST AID MEASURES**

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.

**EYE CONTACT** – Wash thoroughly with water for at least 15 minutes. Remove contact lenses. Hold eyelids apart during flushing. Send patient immediately to physician.

**SKIN CONTACT** – Wipe excess material with dry cloth, removing contaminated clothing and shoes with large amounts of water and soap for at least 15 minutes.

**INHALED** – Remove from exposure to fresh air. Get medical attention if symptoms occur.

**SWALLOWED** – Rinse mouth. Drink 2-3 glasses of water and seek medical assistance. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

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**V – FIRE-FIGHTING MEASURES**

**SPECIAL FIREFIGHTING PROCEDURE** – Must wear MSHA/NIOSH approved self-contained breathing Apparatus. Use abundant amount of water in early stages of fire.

**UNUSUAL FIRE & EXPLOSION HAZARD** – N/A

**FIRE EXTINGUISHING MEDIA** – Water fog, fine sand, dry chemicals.

**FLASH POINT** – N/A

**FLAMMABLE LIMITS** – N/A

**AUTOIGNITION TEMPERATURE** – N/A

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**VI – ACCIDENTAL RELEASE MEASURES**

**SPILL RESPONSE PROCEDURE** – Dike and contain. If uncontaminated, reuse product. If contaminated, absorb spill with clay, sand, or sawdust. Place in a chemical waste container for proper disposal. Spill area will be quite slippery. This material must be disposed of according to federal, state, and local procedures under the resource conservation and recovery act.

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**VII – HANDLING AND STORAGE**

To maintain product quality, do not store in heat or direct sunlight. Use good housekeeping practices such as washing hands with soap after handling. Keep out of reach of children and pets. Store in well-ventilated area. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, or ponds.

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**VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

VENTILATION & ENGINEERING CONTROLS – Local exhaust

RESPIRATORY PROTECTION – Where mist is generated by the process, MSHA/NIOSH approved respirator is advised in the absence of proper environmental control.

EYE PROTECTION – Safety glasses, shield and goggles where there is a potential eye contact. Safety eyewash station should be accessible within 10 seconds.

SKIN PROTECTION – Wear protective work gown, rubber or plastic gloves to prevent irritation.

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**IX – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE – Dark brown liquid

ODOR – None

FLAMMABILITY – Non-flammable

EXPLOSIVE PROPERTIES – Non-explosive

pH – 1.7

SPECIFIC GRAVITY – 10.91 lbs. / gallon

DECOMPOSITION TEMPERATURE – N/E

BOILING POINT OR RANGE – 150 – 200<sup>0</sup>F

SOLUBILITY IN WATER – Infinite

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**X – STABILITY AND REACTIVITY**

STABILITY – Stable under normal conditions of use.

CONDITIONS TO AVOID – N/A

INCOMPATIBILITY – Reacts violently with bases. Corrosive to common metals, such as mild steel, copper, brass and bronze, and may generate flammable hydrogen gas as a result of this reaction.

HAZARDOUS DECOMPOSITION PRODUCTS – N/A

HAZARDOUS POLYMERIZATION – Will not occur.

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**XI – TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY

SKIN IRRITATION – Repeated contact may be corrosive or burns depending on the extent of exposure.

EYE IRRITATION – May cause serious eye irritation.

INHALED – Vapors can cause irritation of mucus membrane.

SWALLOWED – Severe internal irritation and damage can result if swallowed.

SENSITIZATION – None

CHRONIC TOXICITY

REPRODUCTIVE EFFECTS – None known

CARCINOGENICITY – This products does not contain any substances that are considered carcinogens by OSHA, NTP, IARC or ACGIH.

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**XII – ECOLOGICAL INFORMATION**

MOBILITY – Water contaminating

PERSISTENCE AND DEGRADABILITY – Inherently biodegradable, non-persistence.

AQUATIC TOXICITY – None known

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**XIII – DISPOSAL CONSIDERATIONS**

Dispose of within current local and state regulations. No special method required.

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**XIV – TRANSPORT INFORMATION**

U.S. DEPARTMENT OF TRANSPORTATION – Not regulated by DOT

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**XV – REGULATORY INFORMATION**

TSCA STATUS – Not determined

OSHA STATUS – Not listed as hazardous

CERCLA – None

SARA 313 – No chemical

SARA 302 – None

CALIFORNIA PROPOSITION 65 – Not listed

RCRA – No

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**XVI – OTHER INFORMATION**

**HAZARDOUS MATERIAL INFORMATION SYSTEM (USA)**

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>0</b>
<b>Physical hazards</b>	<b>0</b>
<b>Personal Protection</b>	<b>0</b>

Hazard Rating: 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

**Disclaimer**

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