



SAFETY DATA SHEET S.D.S.

I – PRODUCT IDENTIFICATION

TRADE NAME (as labeled) **GROW MORE 20-20-20**

MANUFACTURER'S NAME : GROW MORE, INC.
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DATE PREPARED/REVISED April 2, 2014

NAME OF PREPARER H. Langheim

II – COMPOSITION/INFORMATION ON INGREDIENTS

| CHEMICAL INGREDIENTS | CAS. No |
|-----------------------------|----------------|
| Manganese EDTA | 7439965 |
| Copper EDTA | 7440508 |
| Sodium Molybdate | 7439987 |
| Zinc EDTA | 7440666 |

III – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE – Fine crystals & powder

ODOR - None

POTENTIAL HEALTH EFFECTS

EYES - May cause redness and slight irritation.

SKIN - Repeated contact may cause slight irritation.

SWALLOWED - Possible abdominal pain, diarrhea, diuresis, and nausea.

OSHA/GHS STATUS – Not considered hazardous by the OSHA Hazard Communication Standard

SIGNAL WORD – No signal word

HAZARD STATEMENTS – No known significant effects or critical hazards.

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, while removing contaminated clothing and shoes with large amounts of water and soap.

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.

ACUTE ORAL TOXICITY – none known

ACUTE INHALATION TOXICITY – none known

ACUTE DERMAL IRRITATION – none known

V – FIRE-FIGHTING MEASURES

SPECIAL FIREFIGHTING PROCEDURE - Must wear MSHA/NIOSH approved self-contained breathing Apparatus.

UNUSUAL FIRE & EXPLOSION HAZARD - Products of combustion are toxic. Explosive mixtures form air.

VI - ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE PROCEDURE (Include employee protection measures): Apply as fertilizer to field, dilute with sufficient water. Drain into the sewer with abundant amount of water.

VII - HANDLING AND STORAGE

To maintain product quality, do not store in heat or direct sunlight. Use good housekeeping hygienic practices such as washing hands with soap after handling. Keep out of reach of children and pets. Do not reuse empty containers.

VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION – Local exhaust.

ENGINEERING CONTROLS – N/A

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

EYE PROTECTION – Safety glasses or goggles where there is a potential eye contact.

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

IX - PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

APPEARANCE – Fine crystals & powder

ODOR – None

BOILING POINT OR RANGE °F – N/A

MELTING POINT OR RANGE °F – N/A

FLAMMABILITY – non-flammable

EXPLOSIVE PROPERTIES – non-explosive

pH of 1% SOLUTION – 4.5 – 5.5

SPECIFIC GRAVITY – N/A

EVAPORATION RATE (BUTYLACETATE=1): 0

DECOMPOSITION TEMPERATURE – 250°F – 374°F

MOLECULAR WEIGHT – 110 – 117

SOLUBILITY IN WATER – highly soluble (> 80%)

X - STABILITY AND REACTIVITY

STABILITY - Stable under normal conditions of use

CONDITIONS TO AVOID – Heating with Sodium Phosphite. Dissolving with Sodium Hyposulfite. Fire

INCOMPATIBILITY – Corrosive to Aluminum, Steel, Brass and Copper.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition may produce toxic fumes of Nitrogen oxides

HAZARDOUS POLYMERIZATION – will not occur

XI – TOXICOLOGICAL INFORMATION

SKIN IRRITATION – none

EYE IRRITATION – none

SENSITIZATION – none

CHRONIC TOXICITY – none known

XII – ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS

ACUTE TOXICITY – none known

MOBILITY – N/A

PERSISTENCE AND DEGRADABILITY – none known

XIII – DISPOSAL CONSIDERATIONS

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

XIV – TRANSPORT INFORMATION

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

XV - REGULATORY INFORMATION

TSCA STATUS – Not determined

OSHA STATUS – Not listed as hazardous

CERCLA REPORTABLE QUANTITY (40 CFR117, 302)

SARA TITLE 1

SECTION 302 (40 CFR 355)

SECTION 311/312 (40 CFR 370)

1 Immediate (Acute) Health Effect – NO

2 Delayed (Chronic) Health Effect – NO

3 Fire Hazard – NO

4 Sudden Release of Pressure Hazard – NO

5 Reactivity Hazard – NO

SECTION 313 (40 CFR 372) – Please refer to any other federal, state and local regulations.

XVI - OTHER INFORMATION

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