



SAFETY DATA SHEET

SDS

700028

I – PRODUCT IDENTIFICATION

TRADE NAME (as labeled) **ORCHID FOOD 17-8-22**

MANUFACTURER'S NAME GROW MORE, INC.
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DATE PREPARED/REVISED January 2, 2015

NAME OF PREPARER H. Langheim

II – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE – Fine purple crystals & powder

ODOR - None

POTENTIAL HEALTH EFFECTS

EYES - **H319** May cause irritation or damage to eyes.

SKIN - **H317** Repeated contact may cause slight irritation.

SWALLOWED – **H336** Possible abdominal pain, diarrhea, diuresis, and nausea.

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.

P410 PROTECT FROM SUNLIGHT.

III – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS No.	%
Potassium Phosphate	7778-77-0	Trade secret
Ammonium Phosphate	7722-76-1	Trade secret
Potassium Nitrate	7757-79-1	Trade secret
Ammonium Nitrate	6484-52-2	Trade secret
Ammonium Sulfate	7783-20-2	Trade secret
Iron EDTA	15708-41-5	Trade secret
Zinc EDTA	14025-21-9	Trade secret
Copper EDTA	14025-15-1	Trade secret
Manganese EDTA	15375-84-5	Trade secret

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.

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 – Dust clouds may be explosive.

FLASH POINT – N/A

FLAMMABLE LIMITS – N/A

AUTOIGNITION TEMPERATURE – N/A

SUITABLE FIREFIGHTING MEDIA – Water fog, fine sand, carbon dioxide, dry chemical, chemical foam.

VI – ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE PROCEDURE – Use broom or dry vacuum to collect material for proper disposal without raising dust. Prevent entry into waterways, sewers, basements or confined areas. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

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. Do not reuse empty containers.

VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION & ENGINEERING CONTROLS – Local exhaust.

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 face shield where there is a potential eye contact.

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

IX – PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

APPEARANCE – Fine purple crystals & powder

ODOR – None

BOILING POINT OR RANGE °F – N/A

MELTING POINT OR RANGE °F – N/A

FLAMMABILITY – Non-flammable

EXPOLOSIVE PROPERTIES – Non-explosive

pH of 1% SOLUTION – 5.75

SOLUBILITY IN WATER – Highly soluble (> 80%)

X – STABILITY AND REACTIVITY

STABILITY – Stable under normal conditions of use

CONDITIONS TO AVOID – Wet or damp conditions, extreme heat.

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

HAZARDOUS DECOMPOSITION PRODUCTS – Decomposition may produce toxic fumes of Nitrogen oxides.

HAZARDOUS POLYMERIZATION – Will not occur

XI – TOXICOLOGICAL INFORMATION

Health injuries are not known or expected under normal use.

SKIN IRRITATION – May cause temporary skin irritation or allergic reaction.

EYE IRRITATION – May cause temporary eye irritation.

SENSITIZATION – None

REPRODUCTIVE EFFECTS – None known

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

XII – ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY – Inherently biodegradable. Non-persistent.

AQUATIC TOXICITY – Might be beneficial to aquatic plant life.

ADDITIONAL ECOLOGICAL INFO – Do not use directly in lakes, ponds and rivers.

XIII – DISPOSAL CONSIDERATIONS

Dispose of within current local and state regulations. No special method required. Contact local authorities for disposal of large quantities of product

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 – None

SARA 313 – No chemical

SARA 302 – None

CALIFORNIA PROPOSITION 65 – Not listed

RCRA – No

XVI - OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (USA)

NFPA

Health	1
Flammability	0
Physical hazards	0

HMIS

Health	1
Flammability	0
Physical hazards	0

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

Disclaimer

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