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2017

## Material Safety Data Sheet

GENERAL DESCRIPTION & ACTIVE PROPERTIES OF

# eatFresh™ FC

**A Synergistic Solution for Shelf Life Extension and Microbial, Yeast and Mold Control  
Manufactured by Grow Green Industries, Inc.**

### SECTION 1. PRODUCT INFORMATION

1. CHEMICAL NATURE: **CITRATE AND ANTIOXIDANT COMPLEX COMPOUND**  
2. PRODUCT NAME: **EATFRESH FC POWDER**  
3. MANUFACTURER NAME: **GROW GREEN INDUSTRIES, INC.**  
**ADDRESS: 27 SPECTRUM POINTE, SUITE 306, LAKE FOREST, CA 92630**  
**TEL: 888-284-2435 FAX: 949-315-3183 INFO@EATCLEANER.COM**

### SECTION 2. INGREDIENT AND RELATIVE INFORMATION

Chemical Name	Common Name	CAS#	EINECS#	GRAS#	Country of Origin
Citric Acid Anhydrous	Citric Acid	77-92-9	201-069-1	184.1033	Canada
Sodium Citrate Dihydrate	Sodium Citrate	6132-04-3	200-675-3	184.1751	Columbia
Sea Salt	Sea Salt	8028-77-1	231-598-3	182.1	USA
L-2, 3, 5, 6-hydroxy-2-hexenic acid-γ-lactone	Ascorbic Acid	50-81-7	200-066-2	182.3013	China
Micro White 100 Codex	Calcium Carbonate	1317-65-3	207-439-9	184.1191	USA

1. **COUNTRY OF ORIGIN:** USA  
2. **CONTENT:** SYNERGISTIC CITRATE AND ANTIOXIDANT COMPOUND



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### SECTION 3. PHYSICAL / CHEMICAL PROPERTIES

1. APPEARANCE: POWDER
2. COLOR: WHITE
3. ODOR: N/A
4. BOILING POINT: 85°C +/- 2°C
5. DENSITY: 1.1 (+/- 0.2) GM/ML
6. TASTE: MILD SALTY FLAVOR
7. SOLUBILITY IN WATER, ALCOHOL AND GLYCEROL: 95%
8. ACIDITY: (QUANTITY OF PRODUCT IN MG NEUTRALIZED BY 1 ML OF NAOH – 0.1 M): 1350 MG – 2000 MG
9. CORROSITIVITY: AT 2000 PPM IT IS SIMILAR TO POTABLE WATER
10. PH FOR USE IN MIXING: BEST USED WITH PRODUCTS IN THE 2.5-9 PH RANGE
11. EXPIRATION: UP TO 12 MONTHS WHEN HELD IN AIRTIGHT DRUM AND PROPER TEMPERATURE CONDITIONS

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### SECTION 4. STABILITY AND REACTIVITY

POSSIBLE HAZARDOUS REACTIONS – NONE KNOWN

CONDITION TO AVOID – NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS – NONE KNOWN

EFFECTS OF CHRONIC EXPOSURE – FOR PURPOSES OF CHRONIC EXPOSURE UNDER THE OSHA HAZARD COMMUNICATION STANDARD, THESE PRODUCTS ARE UNTESTED MIXTURES. THESE PRODUCTS HAVE BEEN USED EXTENSIVELY BY CONSUMERS.

OTHER RECOMMENDATION – NONE

PRODUCT IS GENERALLY COMPATIBLE WITH ALL SUBSTANCES.

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### SECTION 5. TOXICOLOGICAL INFORMATION

1. ACUTE TOXICOLOGY ORAL: NOT DETERMINED, NOT TO BE USED AS A DRINK
  2. SKIN IRRITATION: IRRITATION NOT LIKELY; IF IRRITATION OCCURS, RINSE THOROUGHLY WITH WATER
  3. EYE IRRITATION: MAY PRODUCE TRANSIENT MILD EYE IRRITATION; RINSE THOROUGHLY WITH WATER
  4. SENSITIZATION: NOT LIKELY TO BE INHALED
- HUMAN PATCH TEST: N/A  
PHOTOSENSITIZATION: N/A

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### SECTION 6. HANDLING AND STORAGE

GENERAL: KEEP IN A TIGHTLY CLOSED, DRY, COOL LOCATION.

STORAGE PRESSURE: ATMOSPHERIC

STORAGE TEMPERATURE: AMBIENT. IT MAY CRYSTALLIZE AFTER PROLONGED EXPOSITION TO TEMPERATURE NEAR 0°C. THE PRODUCT IS EASILY RE-SOLUBILIZED WHEN TRANSFERRED TO A WARMER ENVIRONMENT.

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### SECTION 7. EXPOSURE CONTROLS / PERSONAL PROTECTION

- USE ADEQUATE VENTILATION (MECHANICAL)
  - USE GLASSES, GOGGLES OR FACE SHIELD
  - NIOSH/MSHA-APPROVED UNNECESSARY BUT RESPIRATOR IN CASE OF REPEATED, PROLONGED AMOUNT OF EXPOSURE. - USE LATEX GLOVES FOR HANDS
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#### **SECTION 8. HAZARDS IDENTIFICATION**

1. INHALATION: SHORT-TERM EXPOSURE: WHEN OVERHEATED UP TO 212°F / 100°C, LOOSE ACID GASSES THAT CAN IRRITATE NOSE AND THROAT.  
LONG-TERM EXPOSURE: N/A.
  2. SKIN CONTACT: SHORT-TERM EXPOSURE: RINSE CONTACT AREAS WITH WATER  
LONG-TERM EXPOSURE: NON IRRITANT
  3. EYE CONTACT: SHORT-TERM EXPOSURE: RINSE EYES THOROUGHLY WITH WATER; CONTACT WITH EYES SHOULD BE AVOIDED  
LONG-TERM EXPOSURE: NON IRRITANT
  4. SWALLOWED: SHORT-TERM EXPOSURE: N/A  
LONG-TERM EXPOSURE: N/A.
  5. CARCINOGENICITY: N/A.
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#### **SECTION 9. EMERGENCY AND FIRST-AID MEASURES**

1. INHALED: REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN.
  2. SKIN CONTACT: WASH WITH SOAP AND WATER. RINSE SKIN THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES.
  3. CONTACT WITH EYES: FLUSH WITH COPIOUS AMOUNT OF WATER OR NORMAL SALINE FOR 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN IF IRRITATION PERSISTS.
  4. SWALLOWED: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. DRINK PLENTY OF FLUIDS TO DILUTE. CALL A PHYSICIAN.
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#### **SECTION 10. FIRE FIGHTING MEASURES**

1. UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE
  2. EXTINGUISHING MEDIA: DRY, CARBON DIOXIDE, WATER SPRAY OR APPROPRIATE FOAM.
  3. FIREFIGHTING PROCEDURES: POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS. AVOID CONTACT AND EXPOSURE.
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#### **SECTION 11. ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS – NONE KNOWN  
ENVIRONMENTAL PRECAUTIONS – NONE KNOWN  
SPILL/LEAK CLEAN-UP – PICK UP EXCESS WITH ABSORBENT MATERIAL AND FLUSH WITH WATER.

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#### **SECTION 12. ECOLOGICAL INFORMATION**

1. BIODEGRADABILITY: BIODEGRADABLE
  2. ENVIRONMENTAL RISKS: N/A
  3. OTHER INFORMATION:
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#### **SECTION 13. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: PLACE IN CONTAINER AND DISPOSE OF IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS AND PROVISIONS

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**SECTION 14. TRANSPORT INFORMATION**

**DOT CLASSIFICATION – N/A**

1. ROAD AND RAIL: HS CODE: 291814, 291814 CITRIC ACID, SALTS OR ESTERS OF CITRIC ACID
2. SEA: HS CODE: 291814, 291814 CITRIC ACID, SALTS OR ESTERS OF CITRIC ACID
3. AIR: HS CODE: 291814, 291814 CITRIC ACID, SALTS OR ESTERS OF CITRIC ACID

**SECTION 15. REGULATORY INFORMATION**

1. CLASSIFICATION: THIS PRODUCT IS NOT CLASSIFIED AS HAZARDOUS.

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**SECTION 16. OTHER INFORMATION**

THE INFORMATION PROVIDED HEREIN IS BASED ON THE BEST OF OUR KNOWLEDGE AS OF THE DATE SHOWN ABOVE. IT ONLY REFERS TO THE SPECIFIED PRODUCT AND IT IS NOT A GUARANTEE OF ANY PARTICULAR QUALITIES. IT IS THE USER'S RESPONSIBILITY TO MAKE SURE THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION WITH REFERENCE TO THE PRODUCT'S INTENDED USE.

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