



## SAFETY DATA SHEET

SDS

### I – PRODUCT IDENTIFICATION

TRADE NAME (as labeled): **pH DOWN 30% SOLUTION**

MANUFACTURER'S NAME: GROW MORE, INC.  
15600 New Century Drive  
Gardena, CA 90248  
Tel. (310) 515-1700  
Fax (310) 527-5811

EMERGENCY PHONE NUMBER: 800-424-9300

DATE PREPARED/REVISED May 21, 2015

NAME OF PREPARER H. Langheim

### II – HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW

APPEARANCE – Clear liquid

ODOR - Odorless

#### POTENTIAL HEALTH EFFECTS

EYES - H318 Causes damage to eyes.

SKIN - H314 Cause skin burns.

SWALLOWED – H302 Harmful if swallowed.

CARCINOGENICITY – PROPOSITION 65 – Not listed

SIGNAL WORD – DANGER!

#### 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. Call a POISON CENTER or doctor/ physician if you feel unwell.

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

P362 Take off contaminated clothing and wash before reuse.

P405 Store locked up.



**III – COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS No.	%
Phosphoric Acid	7664-38-2	30

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**IV – FIRST AID MEASURES**

**EYE CONTACT** – Wash thoroughly with water for least 15 minutes. Remove contact lenses. Hold eyelids apart during flushing. Seek immediate medical attention, preferably with an ophthalmologist. If the physician is not immediately available, eye irrigation should be continued for an additional 20 minutes. If it is necessary to transport the patient to the physician and the eye needs to be bandaged, use a dry sterile cloth pad and cover both eyes.

**SKIN CONTACT** – Remove contaminated clothing and shoes, wash contaminated area with water and soap.

**INHALED** – Remove from exposure to fresh air. Administer oxygen if breathing is difficult. Do not use mouth-to-mouth method if the patient inhaled the substance. Give artificial respiration if patient is not breathing.

**SWALLOWED** – Rinse mouth. Drink 2-3 glasses of water and seek medical assistance immediately. Do not induce vomiting or give anything by mouth to an unconscious person. Do not leave patient unattended.

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**V – FIRE-FIGHTING MEASURES**

**SUITABLE EXTINGUISH MEDIA** – Water

**UNSUITABLE EXTINGUISHING MEDIA** – None known

**SPECIAL FIREFIGHTING PROCEDURE** – Keep unauthorized personnel away. Dike area to prevent contamination of water sources. Persons who may have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. The symptoms should not be mistaken for heat exhaustion or smoke inhalation. Wear positive pressure self-contained breathing apparatus (SCBA).

**UNUSUAL FIRE & EXPLOSION HAZARD** – Not combustible. Under fire conditions, toxic, corrosive fumes are emitted.

**FLAMMABLE PROPERTIES** – Non-flammable

**EXPLOSION POTENTIAL** – Non-explosive

**HAZARDOUS COMBUSTION PRODUCTS** – Oxides of phosphorus. Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

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**VI – ACCIDENTAL RELEASE MEASURES**

**SPILL RESPONSE PROCEDURE** – Caution! Floors might be slippery. Wear personal protective equipment. Ventilate enclosed areas. Do not handle damaged containers or spilled materials.

Keep unauthorized personnel away. Dike spill using absorbent such as earth, sand or clay. Dike or retain dilution water.

Prevent entry into waterways, sewers, basements or confined areas. Neutralize spill area with soda ash, sodium bicarbonate or lime.

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**VII – HANDLING AND STORAGE**

To maintain product quality, store in cool dry place, do not store in heat or direct sunlight. Use good hygienic practices such as washing hands with soap after handling. Keep out of reach of children and pets. Do not reuse empty containers. Avoid breathing vapors and contact with skin and eyes. Do not smoke, eat and drink while handling this product.

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**VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

VENTILATION/ ENGINEERING CONTROLS – Local exhaust.

RESPIRATORY PROTECTION – MSHA/NIOSH approved respirator is advised where dust is generated

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

SKIN PROTECTION – Wear protective work gown, rubber or plastic gloves or full-body suit.

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**IX – PHYSICAL AND CHEMICAL PROPERTIES**

**GENERAL INFORMATION**

APPEARANCE – Clear liquid

ODOR – Odorless

BOILING POINT & MELTING POINT OR RANGE °F – N/A

FLAMMABILITY – Non-flammable

EXPLOSIVE PROPERTIES – Non-explosive

pH – 6 – 6.5

SPECIFIC GRAVITY – 1.06g/cm<sup>3</sup> (9.85 lbs. /gal)

DECOMPOSITION TEMPERATURE – N/A

SOLUBILITY IN WATER – Infinite

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**X – STABILITY AND REACTIVITY**

STABILITY – Stable under normal conditions of use.

CONDITIONS TO AVOID – Incompatible materials.

INCOMPATIBILITY – Neutral Solutions of unchelated metals such as copper, zinc and manganese, iron.

HAZARDOUS DECOMPOSITION PRODUCTS – None

HAZARDOUS POLYMERIZATION – Will not occur.

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**XI – TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY**

**SKIN IRRITATION** – Cause skin burns

**EYE IRRITATION** – Causes damage to eyes.

**SWALLOWED** – Harmful 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**

**PERSISTENCE & DEGRADABILITY** – No data available

**ADDITIONAL ECOLOGICAL INFO** – The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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**XIII – DISPOSAL CONSIDERATIONS**

Dispose of within current local and state regulations. No special method required. Do not reuse empty containers. Once empty, put in recycling if available, or put in trash.

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**XIV – TRANSPORT INFORMATION**

**U.S. DEPARTMENT OF TRANSPORTATION**

**ID NUMBER** – UN1805

**HAZARD CLASS** – 8

**PACKING GROUP** - III

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**XV – REGULATORY INFORMATION**

**SARA 302 Components** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards** Acute Health Hazard, Chronic Health Hazard

**CALIFORNIA PROPOSITION 65** – Not listed

**RCRA** – Not listed

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**XVI – OTHER INFORMATION**

**HAZARDOUS MATERIAL INFORMATION SYSTEM (USA)**

HMIS Rating

Health hazard: 3 Chronic Health Hazard: \* Flammability: 0 Physical Hazard 0

NFPA Rating

Health hazard: 3 Fire Hazard: 0 Reactivity Hazard: 0

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**Disclaimer**

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