



## SAFETY DATA SHEET

SDS

### I – PRODUCT IDENTIFICATION

TRADE NAME (as labeled): **PHOSPHORIC ACID 75%**

MANUFACTURER'S NAME: GROW MORE, INC.  
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DATE PREPARED/REVISED May 26, 2015

NAME OF PREPARER H. Langheim

### II – HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW

**APPEARANCE** – Clear colorless liquid

**ODOR** – Odorless

#### POTENTIAL HEALTH EFFECTS

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

**SIGNAL WORD** – DANGER!

**HAZARD STATEMENTS** - Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

H290 - May be corrosive to metals

H314 - Causes severe skin burns and eye damage.

#### PRECAUTIONARY STATEMENTS

##### Storage/Disposal

P406 - Store in corrosive resistant/ container with a resistant inner liner.

P405 - Store locked up.

P501 - Dispose of content and/or container in accordance with local, regional, national regulations.

##### Prevention

P234 - Keep only in original container.

P260 - Do not breathe mist/vapors/spray.

P264 - Wash thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.



**Response**

P390 - Absorb spillage to prevent material damage.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P363 - Wash contaminated clothing before reuse.

P304+P340 - IF INHALED: Remove victim to fresh air, keep at rest in a position comfortable for breathing.

P310 - Immediately call a POISON CENTER or doctor/physician.

P321 - Specific treatment (see supplemental first aid instructions on this label).

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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**III – COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS No.	%
Phosphoric Acid	7664-38-2	75

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**IV – FIRST AID MEASURES**

EYE CONTACT – Wash thoroughly with water for at least 15 minutes. Remove contact lenses. Hold eyelids apart during flushing. Seek immediate medical attention

SKIN CONTACT – Remove contaminated clothing and shoes, wash contaminated area with water and soap for at least 20 minutes.

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

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. Seek immediate medical attention, if ingested.

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**V – FIRE-FIGHTING MEASURES**

Individuals 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.

SUITABLE EXTINGUISHING MEDIA – Not combustible. Use extinguishing media suitable for surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA – None-known

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

UNUSUAL FIRE & EXPLOSION HAZARD – Non-combustible. Under fire conditions, toxic, corrosive fumes are emitted.

FLAMMABLE PROPERTIES – Non-flammable

EXPLOSION POTENTIAL – Non-explosive

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

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**VI – ACCIDENTAL RELEASE MEASURES**

SPILL RESPONSE PROCEDURE (Include employee protection measures) – Caution! Floors might be slippery. Keep unauthorized personnel away. Dike spill using absorbent or impervious materials such as earth, sand or clay. Dike or retain dilution water or water from firefighting for later disposal.

Ventilate enclosed areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Prevent entry into waterways, sewers, basements or confined areas. Runoff from fire control or dilution water may cause pollution. Neutralize spill area with soda ash, sodium bicarbonate or lime. Flush neutralized spill with copious amounts of water.

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**VII – HANDLING AND STORAGE**

To maintain product quality, store in cool, well ventilated, 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 mist is generated.

EYE PROTECTION – Safety goggles or face shield where there is a potential eye contact. Eye 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****GENERAL INFORMATION**

APPEARANCE – Clear colorless liquid

ODOR – Odorless

BOILING POINT OR RANGE °F – 100 to 200 °C (212 to 392 °F)

MELTING POINT OR RANGE °F –

FLAMMABILITY – Non-flammable

EXPLOSIVE PROPERTIES – Non-explosive

pH – <1

SPECIFIC GRAVITY – 1.06g/cm<sup>3</sup> (8.84 lbs. /gal)

DECOMPOSITION TEMPERATURE – N/A

SOLUBILITY IN WATER – Miscible

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**X – STABILITY AND REACTIVITY**

STABILITY - Stable under normal conditions of use.

CONDITIONS TO AVOID – Incompatible material

INCOMPATIBILITY – Strong oxidizing agents, strong reducing agents, bases, and certain metals.

COMPATIBILITY – With most pesticides, herbicides and fertilizers.

HAZARDOUS DECOMPOSITION PRODUCTS – Oxides of phosphorus

HAZARDOUS POLYMERIZATION – Will not occur

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**XI – TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY**

ACUTE ORAL TOXICITY – Causes corrosion, burns to mouth and esophagus, abdominal pain, chest pain, nausea, vomiting, diarrhea, seizures.

ACUTE INHALATION TOXICITY – Under normal conditions of use, no health effects are expected.

ACUTE DERMAL TOXICITY – Causes severe skin burns and eye damage.

**CHRONIC TOXICITY**

CHRONIC ORAL TOXICITY – Repeat or prolonged exposure to corrosive fumes may cause gastrointestinal disturbances.

CHRONIC INHALATION TOXICITY – Repeat or prolonged exposure to corrosive fumes may cause bronchial irritation with chronic cough.

CHRONIC DERMAL TOXICITY – Repeated contact may cause slight skin irritation.

SENSITIZATION – N/A

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**XII – ECOLOGICAL INFORMATION**

ECOTOXICITY EFFECTS – Toxic to aquatic life

DEGRADABILITY – None-known

BIOACCUMULATIVE POTENTIAL – N/A

MOBILITY IN SOIL – N/A

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**XIII – DISPOSAL CONSIDERATIONS**

Dispose of within current local and state regulations. This material is considered an EPA hazardous waste. Do not reuse empty containers.

RCRA – HAZARDOUS WASTE CODE: “C” CORROSIVE

**XIV – TRANSPORT INFORMATION****U.S. DEPARTMENT OF TRANSPORTATION** – Regulated by DOT

PROPER UN SHIPPING NAME – PHOSPHORIC ACID SOLUTION

UN NUMBER – UN2735

PACKING GROUP – PG III

CORROSIVE – 8

Phosphoric acid has reportable quantity of 5000 lbs. as listed in Appendix A to 49 CFR 172.101

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**XV – REGULATORY INFORMATION****TSCA STATUS** – Not determined**OSHA STATUS** – Not listed as hazardous**CERCLA** – Phosphoric Acid 7664-38-2 – 5000 lb final RQ**SARA TITLE III, Section 313** – Emission Reporting – Phosphoric Acid 7664-38-2 – Not listed  
PBT Chemical Listing – Phosphoric Acid 7664-38-2 – No**CALIFORNIA PROPOSITION 65** – Not listed

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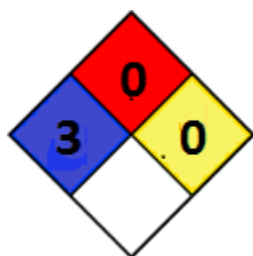
**XVI – OTHER INFORMATION****HAZARDOUS MATERIAL INFORMATION SYSTEM (USA)**

HMIS

Health	3
Fire	0
Reactivity	0
Personal protection	0

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

NFPA

**Disclaimer**

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