

**Supersedes: N/A; Initial SDS**

**(Brand: GEA)**

**Section 1: Chemical Product and Company Identification:**

Material Identity:

Product Trade Name: CameraCleanse descaler AMS  
Chemical Name: Not applicable, mixture.  
Generic Identification: Detergent

Company:

GEA Farm Technologies, Inc.  
1880 Country Farm Drive  
Naperville, IL 60563 U.S.A.

Phone Numbers:

EMERGENCY: 1-877-741-1032 (24 hours a day, 7 days a week).

Business: 800-323-1667

**Section 2: Hazard Identification:**

GHS Classification: Category 1 Corrosive to Metals

GHS Label Elements:

Signal Word: Warning

Symbol:



Hazard Statement: May be corrosive to metals.

Precautionary Statement

Prevention: Wear protective gloves. Wear eye or face protection. Wash hands thoroughly after handling. Keep only in original container.

Response: Absorb spillage to prevent material damage.

If in eyes: Flush with large volumes of water for at least 15 minutes. Call a physician immediately.

If Swallowed: DO NOT induce vomiting. Rinse mouth promptly, then give small amount/glass of water (4-6oz. adult). Avoid alcohol. Call a physician immediately. DO NOT give anything by mouth to an unconscious or convulsing person.

If on Skin: Flush with large volumes of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation develops and persists, get medical attention.

Inhalation of Vapors: If breathing difficulty or irritation occurs, remove to fresh air. If symptoms persist, get medical attention.

Go to Page 2.

**Section 3: Composition and Information on Ingredients:**

<u>Component</u>	<u>CAS Number</u>	<u>Percent (Wt/Wt)</u>
Phosphoric Acid	7664-38-2	1-5

This is not intended to be a complete compositional disclosure. The criteria used for listing components in this section are as follows:

- Carcinogens are listed when present at 0.1% or greater.
- Components are listed when present at 1% or greater if they are considered hazardous by either OSHA(29CFR), EPA(40CFR), or DOT(49CFR) and if they maintain their chemical identity in this product and/or contribute to the hazards of this product.

**Section 4: First Aid Measures:**

If in Eyes: Flush with large volumes of water for at least 15 minutes. Call a physician immediately.

If Swallowed: DO NOT induce vomiting. Rinse mouth promptly then give small amount/glass of water (4-6 oz. child/ 10-12 oz. adult). Avoid alcohol. Call a physician immediately. DO NOT give anything by mouth to an unconscious or convulsing person.

If on Skin: Flush with large volumes of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation develops and persists, get medical attention.

Inhalation of Vapors: If breathing difficulty or irritation occurs, remove to fresh air. If symptoms persist, get medical attention.

FOR ASSISTANCE WITH MEDICAL EMERGENCY (24 hours a day, 7 days a week),  
CALL: 1-877-741-1032

**Section 5: Fire Fighting Measures:**

Flash Point: No data available

Flammable Limit: Upper-not applicable; Lower-not applicable.

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Product itself does not burn. Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media: High volume water jet.

Hazardous decomposition products in case of fire: Toxic fumes may be released. Phosphorus oxides.

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other information: Do not allow run-off from fire fighting to enter drains or water courses.

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**Section 6: Accidental Release Measures:**

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General measures: Ensure adequate air ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapour/aerosol. Wear recommended personal protective equipment.

Spill Response: Keep spills out of sewers and open bodies of water.

Small spills: Vacuum or mop up then flush spill area with water.

Large spills: Dike and contain spill with inert material (sand, earth, etc.). Transfer the liquid and solid separately to containers for recovery or disposal.

Waste Disposal Method: Refer to Section 13.

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**Section 7: Handling and Storage:**

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Handling: Use good industrial hygiene and safety practices (see Section 8).

Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Storage: Store in a cool dry area, away from direct sunlight and heat to avoid deterioration. Keep container tightly closed. Keep only in original container.

Incompatible materials: Bases. Metals.

Packaging materials: Do not use packaging made out of aluminium, zinc or tin.

NOTE: Since emptied containers may retain product residue, all hazard precautions given in this data sheet should be observed.

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**Section 8: Exposure Controls / Personal Protection:**

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These recommendations provide general guidance for handling this product.

Because specific work environments and material handling practices vary, safety procedures should be developed by the user(s) of this product. Consult with the manufacturer or supplier of your safety equipment in order to determine the specific type of equipment appropriate for your use/application of this product.

Exposure Guidelines:

Exposure limits for this product: None have been established.

Exposure limits for components of this product:

Phosphoric Acid:

OSHA PEL: 1mg/m<sup>3</sup>, TWA

ACGIH TLV: 1mg/m<sup>3</sup>, TWA

ACGIH TLV: 3mg/m<sup>3</sup>, STEL

Eye Protection:

Safety glasses, goggles, or face shield based on anticipated exposure.

Skin Protection:

Gloves and protective clothing/equipment as necessary to avoid contact.

Both durability and resistance to permeation must be considered.

Respiratory Protection:

Use NIOSH/MSHA approved respiratory protection equipment based on actual or potential airborne concentrations. See previous paragraph in this section concerning exposure limits.

Ventilation:

Use local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits.

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**Section 9: Physical and Chemical Properties:**

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Appearance: Colorless liquid

Odor: Soft

pH: acidic

Viscosity at 25°C: No data available

Density: No data available

Solubility in Water: Completely miscible

Flash point: No data available

VOC content: 0%

Boiling Point:  $\approx 100^{\circ}\text{C}$

Evaporation Rate (butyl acetate=1): None established

Vapor Pressure (mm Hg.): None established

Note: The above properties are typical values and are not to be construed as a guaranteed analysis for any specific lot or as specifications for the product.

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**Section 10: Stability and Reactivity:**

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Stability: Stable under normal conditions.

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.

Conditions to avoid: To avoid thermal decomposition, do not overheat.

Incompatibility: Bases, metals.

Hazardous Decomposition Products: Phosphorus oxides.

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**Section 11: Toxicological Information:**

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Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

Phosphoric acid (7664-38-2)

LD50 oral rat: 1530 mg/kg

LD50 dermal rabbit: 2740 mg/kg

LC50 inhalation rat (mg/l):  $> 850 \text{ mg/m}^3$

Skin corrosion/irritation: Not classified, pH: acidic

Serious eye damage/irritation: Not classified, pH: acidic

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

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Go to Page 5.

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**Section 12: Ecological Information:**

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**Toxicity**

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute aquatic toxicity: Not classified

Chronic aquatic toxicity: Not classified

Persistence and degradability: No additional information available

Bioaccumulative potential: No additional information available

Mobility in soil: No additional information available

Results of PBT and vPvB assessment: No additional information available

Other adverse effects: May cause pH changes in aqueous ecological systems.

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**Section 13: Disposal Considerations:**

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Dispose of in accordance with all applicable laws and regulations. Consult with appropriate regulatory authorities to determine exact classification of waste.

Recommended cleaning agent: Water with detergents.

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**Section 14: Transport Information:**

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U.S. Department of Transportation(DOT)Regulations(49CFR):

Hazard Class:

Class 8, Corrosive

Proper Shipping Name:

UN1805 Phosphoric Acid Solution, 8, III

Reportable Quantity(RQ):

For component Phosphoric Acid, RQ is 5,000 pounds.

Limited Quantity (LQ): 5L

Canadian Transportation of Dangerous Goods(TDG) Regulations:

Identical to U.S. DOT above.

International Maritime Dangerous Goods(IMDG) Code:

Identical to U.S. DOT above.

International Air Transport Association(IATA) Dangerous Goods Regulations:

Identical to U.S. DOT above.

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**Section 15: Regulatory Information:**

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California Proposition 65:

There are no detectable components of this product which are listed substances, or belong to classes of substances, known to the State of California to cause cancer and/or reproductive toxicity.

Other: Contact manufacturer if you require further regulatory information.

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**Section 16: Other Information:**

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Revision Date: **03-08-2018**

Reason(s) for revision: N/A; Initial SDS.

**Disclaimer:**

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete or representative and Buyer may rely thereon only at Buyer's risk. We make no guarantee that the health and safety precautions we have suggested will be adequate for all individuals and/or situations involving its handling and use. No warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

We make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state or local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

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**End of SDS.**

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Prepared by: GEA FT Regulatory

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