

(Brand: GEA)

Section 1: Chemical Product and Company Identification:

Material Identity:

Product Trade Name: CameraCleanse AMS

Chemical Name: Not applicable, mixture.

Generic Identification: Glass cleaner, 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:

OSHA Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

GHS Classification: Not classified

GHS Label Elements: No labeling applicable

Precautionary Statement:

General: Wash hands thoroughly after handling.

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.

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Section 3: Composition and Information on Ingredients:

Component	CAS Number	Percent (Wt/Wt)
Ethanol	64-17-5	5-<10
3-butoxypropan-2-ol, propylene glycol monobutyl ether	5131-66-8	1-5
1-methoxy-2-propanol, monopropylene glycol methyl ether	107-98-2	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 (4-6oz. 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.

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: >61°C

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

Suitable Extinguishing Media: Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : High volume water jet.

Fire hazard: Not flammable.

Explosion hazard: Vapours may form explosive mixture with air.

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

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

Other information : Cool containers at risk with water spray jet. Collect contaminated fire-fighting water, avoid any release into the sewers. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Section 6: Accidental Release Measures:

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.

Section 7: Handling and Storage:

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.

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

Section 8: Exposure Controls / Personal Protection:

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:

Ethanol:

OSHA PEL: 1000ppm TWA

ACGIH TLV: 1000ppm STEL

3-butoxypropan-2-ol, propylene glycol monobutyl ether: No data found.

1-methoxy-2-propanol, monopropylene glycol methyl ether: No data found.

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.

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.

Section 9: Physical and Chemical Properties:

Appearance: Colorless liquid

Odor: Characteristic

pH: 8.5

Viscosity at 25°C: No data available

Density: 0.9835 g/cm³

Solubility in Water: Easily soluble

Flash point: > 61 °C

VOC content: 11 %

Boiling Point: None established

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.

Section 10: Stability and Reactivity:

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility: No information available.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information:

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

Ethanol (64-17-5)

LD50 oral rat: 10740 mg/kg bodyweight (OECD 401 method)

LD50 oral: 10470 mg/kg bodyweight

LD50 dermal rabbit: > 16000 mg/kg (Published data)

LD50 dermal: 15800 mg/kg bodyweight

LC50 inhalation rat (mg/l): 124.7 mg/l/4h

LC50 inhalation rat (Dust/Mist - mg/l/4h): > 99999 mg/l

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

LD50 oral rat: 5000 mg/kg

LD50 dermal rabbit: 13 g/kg

LC50 inhalation rat (ppm): > 7559 ppm Exposure duration: 6h

LC50 inhalation rat (Vapors - mg/l/4h): 27.3 mg/l/4h

Skin corrosion/irritation: Not classified, pH: 8.5

Serious eye damage/irritation: Not classified, pH: 8.5

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

Section 12: Ecological Information:

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

Ethanol (64-17-5)

LC50 fish 1: 11200 mg/l

LC50 fish 2: > 100 mg/l Pimephales promelas

Ethanol (64-17-5)

EC50 Daphnia 1: 5463 mg/l

EC50 Daphnia 2: 2 mg/l

ErC50 (algae): 1000 mg/l

NOEC chronic crustacea: 9.6 mg/l

3-butoxypropan-2-ol, propylene glycol monobutyl ether (5131-66-8)

LC50 fish 1: 560 mg/l

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

LC50 fish 1: 20.8 g/l (Exposure time: 96 h - Species: Pimephales promelas [static])

EC50 Daphnia 1: 23300 mg/l (Exposure time: 48 h - Species: Daphnia magna [static])

Persistence and degradability: No additional information available.

Bioaccumulative potential:

Ethanol (64-17-5)

Log Pow: -0.32

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

BCF fish 1: < 2

Log Pow: -0.437

Mobility in soil: No additional information available

Results of PBT and vPvB assessment: No additional information available

Other adverse effects: No additional information available

Section 13: Disposal Considerations:

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

Section 14: Transport Information:

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

Hazard Class:

Not applicable- not regulated.

Proper Shipping Name:

Not applicable- not regulated.

Reportable Quantity (RQ) :

Not applicable-not regulated.

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.

Section 15: Regulatory Information:

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.

Section 16: Other Information:

Revision Date: **04-06-2018**

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.

End of SDS.

Prepared by: GEA FT Regulatory

Form No: F-12523 (Rev. 7-99)