(Brand: WestfaliaSurge)

Section 1: Chemical Product and Company Identification:

Material Identity:

Product Trade Name: CircoClean APC
Chemical Name: Not applicable, mixture.
Generic Identification: Powdered caustic chlorinated cleaner.

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: 1-630-548-8832

Section 2: Hazard Identification:

GHS Classification: Category 1 Skin Corrosion/Irritation
Category 1 Eye Damage/Irritation
Category 4 Acute Toxicity-Oral
Category 3 Specific Target Organ Toxicity (Single Exposure)

GHS Label Elements:

Signal Word: Danger Symbol:



Hazard Statement: Causes serious eye damage. Causes severe skin burns and eye damage. Harmful if swallowed. May cause respiratory irritation.

Precautionary Statements

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

Response: 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)
Sodium Metasilicate	6834-92-0	10-25
Sodium Hydroxide	1310-73-2	25-50
Sodium dichloro-s-triazinetrione dihydrate	51580-86-0	3-5

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 Dust: 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(test method): Not applicable.

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

Extinguishing Media: Use media appropriate for surrounding material.

Special Fire Fighting Procedures: Where there is potential for exposure, wear impervious clothing and self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: Excessive heat may liberate chlorine gas.

Section 6: Accidental Release Measures:

Spill Response: Keep spills out of sewers and open bodies of water. Shovel and sweep up spilled material. Place in labeled containers to await disposal. Flush spill area with water.

Waste Disposal Method: Refer to Section 13.

Section 7: Handling and Storage:

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

Storage: Keep container closed and dry.

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:

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:

Sodium Hydroxide:

OSHA TWA: 2mg/m3(ceiling)

ACGIH TWA: 2mg/m3(ceiling)

See note below regarding particulates.

Note: OSHA and ACGIH have established limits for particulates not otherwise regulated(PNOR) and particulates not otherwise classified(PNOC) which are the least stringent exposure limits applicable to dusts.

OSHA(PNOR) PEL	ACGIH(PNOC) TLV
15mg/m3(total dust) TWA	10mg/m3(inhalable) TWA
5mg/m3(respirable) TWA	3mg/m3(respirable) TWA

Eye Protection:

Safety glasses or goggles 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.

Section 9: Physical and Chemical Properties:

Appearance: Free flowing white powder.
Odor: Chlorine.
pH: >11 (1 oz./2 gal. water).
Viscosity at 25°C: Not applicable.
Specific Gravity at 25°C (water=1): Not applicable.
Density(powder products): None established.
Solubility in Water: Complete at recommended use dilutions.
Percent Volatile by Weight: None established.
Boiling Point: Not applicable.
Evaporation Rate(butyl acetate=1): Not applicable.
Vapor Pressure (mm Hg.): Not applicable.

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: Strong mineral acids, organic materials, aluminum, zinc, tin, galvanized iron or other soft metals.
Hazardous Decomposition Products: Chlorine gas.

Section 11: Toxicological Information:

No studies have been conducted on this material.

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Section 12: Ecological Information:

No studies have been conducted on this material.

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:

8, Corrosive.

Proper Shipping Name:

UN3262, Corrosive Solid, Basic, Inorganic, N.O.S., (Sodium Hydroxide), 8, PGII

Reportable Quantity(RQ):

For component Sodium Hydroxide, RQ is 1,000 pounds.

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:

Reason(s) for revision: Changes in section(s): 1, 2, and 8.

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.