

## **Peroxysan-RS**

Safety Data Sheet (Page 1 of 5)

Date prepared: 05-11-2017

Supersedes: 11-25-2015

(Brand: WestfaliaSurge)

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

#### Material Identity:

Product Trade Name: **PeroxySan - RS**

Chemical Name: Not applicable, mixture.

Generic Identification: Peroxyacetic acid-based sanitizer/disinfectant.

#### 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: Type G Organic Peroxides

Cat 1 Corrosive to Metals

Cat 2 Oxidizing Liquid

Cat 4 Acute Toxicity (Oral)

Cat 1A Skin Corrosion/ Irritation

Cat 1 Serious Eye Damage/ Eye irritation

GHS Label Elements:



Signal Word: DANGER

Symbol:

Hazard Statement: Causes severe skin burns and eye damage. May intensify fire; oxidizer. May be corrosive to metals. Harmful if swallowed.

#### Precautionary Statement

Prevention: Wear protective gloves. Wear eye or face protection. Wear protective clothing. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Keep only in original container. Keep away from heat and combustible materials. Refer to Safety Data sheet (SDS).

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 (4-6 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. Wash contaminated clothing before reuse. If irritation develops and persists, get medical attention.  
If Inhaled: If breathing difficulty or irritation occurs, remove to fresh air. If symptoms persist, get medical attention.

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

<u>Component</u>	<u>CAS Number</u>	<u>Percent (Wt/Wt)</u>
Peroxyacetic Acid	79-21-0	5.6-6%
Hydrogen peroxide	7722-84-1	26-28%
Acetic acid	64-19-7	7-8%

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.

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**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. Wash contaminated clothing before reuse. If irritation develops and persists, get medical attention.

If Inhaled: If breathing difficulty or irritation occurs, remove to fresh air. If symptoms persist, get medical attention.24 hours a day, 7 days a week),  
CALL: 1-877-741-1032

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**Section 5: Fire Fighting Measures:**

Flash Point(closed cup): 200° F

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

Extinguishing Media: Water spray, carbon dioxide, foam.

Special Fire Fighting Procedures: Use flooding quantities of water only. Use water spray to keep all containers cool. Fight fire from protected or removed distance. Chemical type extinguisher are not very effective. Use proper personal protection equipment and positive pressure self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: None known.

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**Section 6: Accidental Release Measures:**

Spill Response: always approach spill from upwind.

Small spills: May be flushed to an approved sewer line with generous amounts of water.

Large spills: Dike well ahead of spill with non-reactive material such as sand. Spill may be neutralized with soda ash (sodium carbonate) broadcasted on surface. Use 0.7 to 1 lbs of soda ash for each gallon of spilled material. The resultant neutralized product will become carbon dioxide and water. Flush material with water and collect for disposal into plastic container. Dispose of in accordance with federal, state or local laws.

Combustible materials should be removed and/or rinsed with water to ensure all residual hydrogen peroxide is removed to the extent possible.

Waste Disposal Method: Refer to Section 13.

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**Section 7: Handling and Storage:**

Handling: Store drums in an upright position only. Empty drums as thoroughly as possible. Triple rinse before disposal. Never return product to original container.

Storage: Do not store near reducing agents, fuel, organic material or other non-compatible material. Store in a cool, dry, well ventilated area. Avoid temperatures above 86°F. DO NOT STORE IN DIRECT SUNLIGHT, or near source of ignition or heat. Use first in, first out storage management. Container must be vented.

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:

Hydrogen peroxide:

OSHA PEL: 1 PPM, 8 hour TWA

ACGIH: 1 PPM, 8 hour TWA

Acetic Acid:

OSHA PEL: 10 PPM

ACGIH TWA 10 PPM

ACGIH STEL/C: 15 PPM

**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:**

None required under normal conditions of use.

**Ventilation:**

None required under normal conditions of use.

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

Appearance: Colorless liquid.

Odor: Sharp, pungent, vinegar-like.

pH: 2.8 of (1% solution with distilled water)

Viscosity at 25°C: none established.

Specific Gravity at 25°C (water=1): 1.12

Density(powder products): Not applicable.

Solubility in Water: Complete at recommended use dilutions.

Percent Volatile by Weight: 99%+

Boiling Point: None established.

Evaporation Rate(butyl acetate=1): None established.

Vapor Pressure (mm Hg.): 22 mm Hg @ 25°C.

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:**

Stability: Product is shelf stable for up to 1 year when stored at room temperatures and not in direct sunlight.

Hazardous decomposition: Degrades giving off acetic acid and oxygen.

Incompatible materials: Reactive with bases, metals, reducing agents, and combustible materials.

Hazardous Decomposition Products: Degrades giving off acetic acid and oxygen.

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**Section 11: Toxicological Information:**

No studies have been conducted with this material.

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**Section 12: Ecological Information:**

No studies have been conducted with this material.

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**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.

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**Section 14: Transport Information:**

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

Hazard Class and DOT Markings: UN3098, Oxidizing liquid, corrosive, n.o.s.  
(contains hydrogen peroxide and peroxyacetic acid mixture, stabilized) 5.1 (8), PG  
II.

Reportable Quantity(RQ):

Acetic acid, planning threshold = 18,000 lbs.

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:**

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.

SARA TITLE III SECTION 302 (40CFR 355)

Listed: acetic acid, Planning threshold = 18,000 lbs

SECTION 302.4 REPORTABLE QUANTITIES (40 CFR 355)

Listed: acetic acid, Planning threshold = 18,000 lbs

SECTION 311 HAZARD CATEGORY

Immediate Health Hazard (acute)

SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372)

Listed, Peracetic Acid 5%

CERCLA (40 CFR 302.4)

Listed (Acetic Acid, Category D; RQ = 89,000 lbs

CANADA: WHMIS 2015 uses GHS classifications

Other: Contact manufacturer if you require further regulatory information.

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**Section 16: Other Information:**

Reason(s) for revision: Revision in Section 14 (UN number re-classified).

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

Date: 05-11-2017