

(Brand: GEA)

**Section 1: Identification:**

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## Material Identity:

Product Trade Name: TriOxycide

Chemical Name: Not applicable, mixture.

Recommended Use: Lactic acid, hydrogen peroxide, sodium linear alkylate sulfonate pre and post milking antiseptic teat solution.

Restriction on Use: For farm commercial, and industrial use only- not for human use.

## Company:

GEA Farm Technologies, Inc.

1385 N. Weber Road

Romeoville, IL 60446 U.S.A.

## Phone Numbers:

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

Business: 800-323-1667

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**Section 2: Hazard Identification:**

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GHS Classification: Category 2B Eye Irritation.

## GHS Label Elements:

Signal Word: Warning

Symbol: No Pictogram Necessary.

Hazard Statement: Causes eye irritation.

Prevention: Wash hands thoroughly after handling.

## Response:

IF IN EYES: Rinse cautiously with water for several minutes. Call a physician immediately. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Hazards not otherwise classified identified during the classification process: None known.

Ingredient(s) with unknown acute toxicity: None known.

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

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## Mixture :

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Concentration (%)</u>
Glycerin	56-81-5	5.0
Lactic acid	50-21-5	1.7
Hydrogen peroxide	7722-84-1	0.5
Sodium linear alkylate sulfonate	68081-81-2	0.5

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.

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**Section 4: First-Aid Measures:**

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If in Eyes: Rinse cautiously with water for several minutes. Call a physician immediately. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

If Swallowed: DO NOT induce vomiting. Rinse mouth promptly then give small

amount/glass of milk or 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

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**Section 5: Fire-Fighting Measures:**

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Suitable extinguishing media: Water spray, carbon dioxide, foam.

Unsuitable extinguishing media: None known.

Specific hazards arising from the hazardous product (e.g., hazardous combustion  
products): Decomposition products may include the following materials: carbon  
oxides, nitrogen oxides, sulfur oxides, oxides of phosphorus.

Special protective equipment and precautions for fire-fighters: Where there is  
potential for exposure, wear impervious clothing and self-contained breathing  
apparatus.

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**Section 6: Accidental Release Measures:**

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Personal precautions, protective equipment and emergency procedures: Provide  
adequate ventilation. Keep people away from spill and upwind. Avoid inhalation,  
ingestion and contact with skin and eyes. When workers are exposed to  
concentrations above the exposure limits, they must wear NIOSH/MSHA approved  
respiratory protection 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: Dispose of contents/container in accordance with  
local/regional/national regulations.

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**Section 7: Handling and Storage:**

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Handling: Use good industrial hygiene and safety practices. Do not mix with  
bleach or other chlorinated products - will cause chlorine gas.

Storage: Store in a cool dry area, away from direct sunlight and heat to  
avoid deterioration. If frozen, separation may occur. Thaw completely and mix  
thoroughly before use. Keep containers closed to prevent contamination of this  
product.

Incompatibility: Bases.

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:

Glycerin:

OSHA PEL: 5 PPM, 8 hour TWA

ACGIH: 10 PPM, 8 hour TWA

Hydrogen peroxide:

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OSHA PEL: 1 PPM, 8 hour TWA

ACGIH: 1 PPM, 8 hour TWA

Lactic acid: None have been established.

Sodium linear alkylate sulfonate: None have been established.

**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: Clear, yellow liquid.

Odor: Mild.

Odor threshold: Not available.

pH: 2.3 (as is).

Melting point/freezing point: Not available.

Initial boiling point and boiling range: Not available.

Flash Point: Not available.

Evaporation Rate (butyl acetate=1): Not available.

Flammability: Not available.

Lower flammability: Not available.

Upper flammability: Not available

Vapor Pressure (mm Hg.): Not available.

Vapor Density: Not available.

Relative density at 25°C (water=1): 1.043

Solubility: (in water): No data found. Product used as is.

Partition co-efficient- n-octanol/water: Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Viscosity at 25°C: Not available.

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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Reactivity: Do not mix with bleach or other chlorinated products - will cause chlorine gas.

Chemical Stability: Stable under normal conditions of use and storage.

Possibility of Hazardous Reactions: Polymerization will not occur.

Incompatible Materials: Bases.

Hazardous Decomposition Products: Decomposition products may include the following materials: carbon oxides, nitrogen oxides, sulfur oxides, oxides of phosphorus.

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**Section 11: Toxicological Information:**

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No studies have been conducted with this material.

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**Section 12: Ecological Information:**

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No studies have been conducted with this material.

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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.

**Section 14: Transport Information:**

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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:**

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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.

**Section 16: Other Information:**

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Revision Date: **02-23-2022**

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

**End of SDS.**

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