SDS Date: August, 2016

Safety Data Sheet

Per GHS Standard Format

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: ShockWave No. 8310 (Use Solution)
Product Description: Disinfectant, Virucide, Fungicide – Use Solution
Chemical Family: See Concentrate Information
EPA Registration Number: 61178-2-73884

Information on the Supplier of the Safety Data Sheet

Manufactured For:
Fiberlock Technologies, Inc.
150 Dascomb Road
Andover, MA 01810
P: 800-342-3755 F: 978-475-6205

Emergency Telephone Numbers:
CHEM TEL: (U.S.): 1-800-255-3924
(Outside the U.S.): 813-248-0585

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: **WARNING**



GHS Label Statements
Hazard Statements:
Causes serious eye irritation.
Causes mild skin irritation.
May be harmful if swallowed.

GHS Classifications
Health:
Skin Irritation, Category 3
Eye Irritation, Category 2A

PRECAUTIONARY STATEMENTS

Prevention: Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Keep out of reach of children. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Gently wash with plenty of soap and water. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Storage: Store in a closed container.
Disposal: Dispose of contents/container in accordance with all local, state, and federal regulations.

EMERGENCY OVERVIEW
Physical appearance: Light color version of concentrate.
Immediate concerns: Eye & Skin irritant

POTENTIAL HEALTH EFFECTS
Eyes: Contact causes eye irritation.
Skin: Skin irritant with prolonged or repeated contact.
Skin absorption: None Expected.
Ingestion: Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.
Inhalation: Mist is irritating to nose, throat and lungs.

REPRODUCTIVE TOXICITY
Reproductive effects: No known significant effects or critical hazards.
Teratogenic effects: No known significant effects or critical hazards.

Carcinogenicity: No listed substance.
Mutagenicity: No known significant effects or critical hazards.
Medical conditions aggravated: Previous skin conditions such as dermatitis may be aggravated.
Routes of entry: Eye, skin, ingestion.
Warning caution labels: Irritant.
Physical hazards: None expected.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	Weight, %
Refer to concentrate Product Safety Data Sheet for ingredient information	<10

SECTION 4: FIRST AID MEASURES

Eyes
Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

Skin
Wash with soap and water. Get medical attention if irritation develops or persists.

Inhalation
Remove victim to fresh air and monitor. Seek medical advice if irritation persists.

Ingestion
Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

Signs and Symptoms of Overexposure
Eyes: Burning sensation with tearing, redness.
Skin: Prolonged contact will cause irritation marked by redness, burning sensation.
Skin absorption: Not established.
Ingestion: Irritation of mouth, throat, along with stomach upset, vomiting.
Inhalation: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.
Acute toxicity: Not established.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable class: NA = Not Applicable
General hazard: NA = Not Applicable
Extinguishing media: Not required. Water based material.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small spill: Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.
Large spill: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.
Environmental Precautions
Water spill: Avoid discharges into open waterways.
Land spill: Avoid discharge to soil.
General procedures: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other noncombustible material and transfer to containers.
Special protective equipment: Eye protection, rubber gloves, rubber boots to protect feet.

SECTION 7: HANDLING AND STORAGE

General Procedures
Close container after use.

Handling
Wear chemical resistant rubber or neoprene gloves and eye safety goggles/full face shield when handling.

Storage
Store in area inaccessible to children.

Storage Temperature
Store at ambient temperatures.

Storage Pressure
Store at ambient atmospheric pressure.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: No special requirements.
Personal Protective Equipment
Eyes and face: Safety glasses with side shields.
Skin: Rubber or other chemical resistant gloves.
Respiratory: A respirator is not needed under normal and intended conditions of product use.
Protective clothing: No special requirements.
Work hygienic practices: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Odor: Characteristic
Odor threshold: Not Established
Color: Lighter color od concentrate
pH: 9.5-10.0
Percent volatile: >90
Flash point and method: None
Flammable limits: N/A
Autoignition temperature: NA = Not Applicable
Vapor pressure: ≤ 20 mm Hg at (68°F)
Vapor density: ≥ 1 Air = 1
Boiling point: 212°F; 100°C
Freezing point: 32°F; 0°C
Melting point: NA = Not Applicable
Thermal decomposition: Not Available
Solubility in water: Complete
Evaporation rate: (Water =1) 1.0
Density: 8.34 at (68°F)
Notes: Estimated
Specific gravity: 1.01 grams/ml
Notes: Estimated
Viscosity: Water thin.
(VOC): Not Established

SECTION 10: STABILITY AND REACTIVITY

Reactivity
Stable

Hazardous Polymerization
No

Conditions to Avoid
Not Established

Possibility of Hazardous Reactions
None Expected

Hazardous Decomposition Products
None known

Incompatible Materials
Not Established

SECTION 11: TOXICOLOGICAL INFORMATION

Acute
Eyes: Not Established
Dermal LD_{50}: Not Established
Skin absorption: None Expected.
Oral LD_{50}: Not Established
Inhalation LC_{50}: Not Established
Eye effects: Moderate to severe eye irritant.
Skin effects: May irritate skin with prolonged or repeated contact.
Carcinogenicity
IARC: None known.
Irritation: Irritant
Sensitization: No known significant effects or critical hazards.
Neurotoxicity: No known significant effects or critical hazards.
Genetic effects: No known significant effects or critical hazards.
Reproductive effects: No known significant effects or critical hazards.
Target organs: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.

SECTION 12: ECOLOGICAL INFORMATION

Environmental data: Not Established.
Ecotoxicological information: Not Established.
Aquatic toxicity (acute): Not Established.
Chemical fate information: Not Established.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal method: Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.
For large spills: Consult with local and state authorities for large volume disposal.
Product disposal: See above.
Empty container: Rinse container with clear water. Offer container for recycling, or dispose of in trash.
RCRA/EPA Waste Information: NA = Not Applicable

SECTION 14: TRANSPORT INFORMATION

DOT
Proper Shipping Name — Not intended to be shipped away from end-user site.

IATA/ICAO
Shipping Name — Not intended to be shipped away from end-user site.

IMDG/IMO
Shipping Name — Not intended to be shipped away from end-user site.

SECTION 15: REGULATORY INFORMATION

United States

Sara Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: Health - Acute

Fire: No **Pressure Generating:** No **Reactivity:** No **Acute:** Yes **Chronic:** No

313 Reportable Ingredients: NA = Not Applicable

302/304 Emergency Planning

Emergency Plan: NA = Not Applicable

CERCLA (Comprehensive Response, Compensation and Liability Act)

CERCLA Regulatory: NA = Not Applicable

TSCA (Toxic Substance Control Act)

TSCA Regulatory: All ingredients are listed on the TSCA Chemical Inventory.

California Proposition 65: No listed substance

Carcinogen: No listed substance

SECTION 16: OTHER INFORMATION

NFPA	Health Hazards 2	Flammability 0	Instability 0	Special Hazard
HMIS	Health Hazards 2	Flammability 0	Physical Hazard 0	Personal Protection B

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD (5323) or log on to: www.epa.gov/lead

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