SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade Name **EverShield ZERO19**

SDS Date May 1, 2023

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Textile Treatment

Uses Advised Against: Not recommended for contact with food

1.3 Details of the Supplier of the Substance or Mixture

Manufacturer:
ULTRATECH INTERNATIONAL, INC.
11542 Davis Creek Court
Jacksonville, FL 32256
+1 (904) 292-1611
Email: info@ultratechbrands.com

EU Distributor:

1.4 Emergency Telephone Number

Emergency Spill Information 800-424-9300 (Chemtrec) +1-703-527-3887 for International Calls (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Physical	Health	Environmental
Not hazardous	Skin Irritation Category 2 (H315) Eye Irritation Category 2 (H319) Specific Target Organ Toxicity -Single Exposure Category 3 (H335)	Aquatic Acute Toxicity Category 3 (H402) Aquatic Chronic Toxicity Category 3 (H412)

2.2 Label Elements

WARNING:

Hazard Phrases:
H315 Causes skin irritation
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.
H402

Precautionary Phrases:

Prevention:
P261 Avoid breathing mist or spray
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves and eye protection.

Disposal:
P501 Dispose of contents and container in accordance with local and national regulations.

Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER or doctor if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention.

Storage:
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	CAS Number / EINECS Number	% (w/w)	CLP/GHS Classification (1272/2008)
Non-Hazardous Ingredients and ingredients below cut-off concentrations	Mixture	>65%	Not classified as hazardous
Alkyl ethyl acrylate, copolymer	103925-04-8 / NA	20-35	Eye Irrit. 2 (H319) Skin Irrit. 2 (H315) STOT SE 3 (H335)
Proprietary Component	NA	<2%	Aquatic Acute Tox. 1 (H400) Aquatic Chron. Tox. 3 (H412)
Dihydroxylpropyl PEG-5 Linoleammonium Chloride	168677-75-6 / 687-636-8	<2%	Eye Irrit. 2 (H319) Skin Irrit. 2 (H315) Aquatic Chron. Tox. 2 (H411)

See Section 16 for full text of GHS Classifications.
The exact concentrations are a trade secret.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation: Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention if you feel unwell.
Skin contact: Remove contaminated clothing and shoes. Flush skin thoroughly with water for several minutes. Get medical attention if irritation occurs. Launder clothing before re-use.

Eye contact: Flush eyes with large quantities of water for several minutes, while holding the eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get medical attention if irritation persists.
Ingestion: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention if symptoms develop.

4.2 Most Important symptoms and effects, both acute and delayed: Causes moderate eye and skin irritation. Inhalation of mists may cause upper respiratory tract irritation. Ingestion may cause gastrointestinal distress.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is not generally required.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media: Use media appropriate for surrounding fire.

5.2 Special Hazards Arising from the Substance or Mixture: This product is not flammable or combustible. Thermal decomposition products that may develop after the water has evaporated may include oxides of carbon.

5.3 Advice for Fire-Fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals. Cool fire exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Avoid contact with eyes, skin, and clothing. Wear appropriate protective clothing and equipment as described in Section 8. Avoid breathing mists or spray.

6.2 Environmental Precautions: Avoid releases to the environment. Report releases as required by local and national authorities.

6.3 Methods and Material for Containment and Cleaning Up: Stop the spill at the source if with out risk. Contain and collect with an inert absorbent material. Place in an appropriate container for disposal.

6.4 Reference to Other Sections:
Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

SECTION 7: HANDLING and STORAGE

7.1 Precautions for Safe Handling: Avoid breathing mists or vapors. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Do not eat, drink or smoke in the work area. Keep containers closed when not in use.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well ventilated location away from oxidizers and other incompatible materials. Keep containers closed when not in use.

7.3 Specific end use(s):
Industrial uses: Textile Treatment
Professional uses: Textile Treatment

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters: Refer to local regulations if exposure limits are not listed below.

Chemical Name	Exposure Limits
Alkyl ethyl acrylate, copolymer	None Established
Proprietary Component	None Established
Dihydroxylpropyl PEG-5 Linoleammonium Chloride	None Established

8.2 Exposure Controls:

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below excessive concentrations.

Personal Protective Measures

Respiratory protection: None needed under normal use conditions. If exposure levels are excessive and irritation is experienced, an approved particulate respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with local regulations and good Industrial Hygiene practice.
Skin protection: Wear impervious gloves to avoid prolonged skin contact.
Eye protection: Wear safety glasses or goggles to avoid eye contact.
Other: None known.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Appearance (physical state, color, etc.): Liquid.
Odor: Not determined.

Odor threshold: Not determined.	**pH:** 5.0 – 6.0
Melting point/freezing point: Not determined.	**Boiling Point:** Not determined.
Flash point: Not applicable	**Evaporation rate (butyl acetate =1):** Same as water
Flammability (solid, gas): Not applicable	**VOC:** Not determined.
Flammable limits: LEL: Not applicable	**UEL:** Not applicable
Vapor pressure: Not determined.	**Vapor density:** Not determined
Density: 7.75 – 8.75 lbs/gal	**Solubility(ies):** Not determined
Partition coefficient: n-octanol/water: Not determined.	**Auto-ignition temperature:** Not determined.
Decomposition temperature: Not determined	**Viscosity:** 7.0 – 11.0 cPs
Explosive Properties: Not applicable	**Oxidizing Properties:** Not oxidizing

9.2 Other Information: None available

SECTION 10: STABILITY and REACTIVITY

10.1 Reactivity: Not reactive.
10.2 Chemical Stability: Stable.
10.3 Possibility of Hazardous Reactions: None known.
10.4 Conditions to Avoid: Avoid extreme heat and freezing.
10.5 Incompatible Materials: Strong oxidizers.
10.6 Hazardous Decomposition Products: Thermal decomposition products that may develop after the water has evaporated may include carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:
Inhalation: Inhalation may cause irritation to the upper respiratory tract.
Ingestion: May cause gastrointestinal irritation and other adverse effects.
Skin contact: This product is expected to cause moderate skin irritation based on the components.
Eye contact: Direct contact may cause moderate eye irritation with redness and tearing.
Chronic Effects: None known.
Sensitization: Components are not known to be sensitizers.
Skin corrosion/irritation: This product is expected to cause moderate skin irritation based on the components.
Eye damage/ irritation: This product is expected to cause moderate eye irritation.
Respiratory Irritation: No data available. Expected to cause only temporary irritation.
Respiratory Sensitization: Components are not respiratory sensitizers.
Skin Sensitization: None of the components have been shown to cause skin sensitization.
Germ Cell Mutagenicity: Components are not germ cell mutagens.
Carcinogenicity: None of the components of this product are listed as carcinogens by IARC, NTP, EU CLP or OSHA; or are classified as carcinogens under the GHS.
Reproductive Toxicity: No adverse effects are expected.
Specific Target Organ Toxicity:
Single Exposure: No adverse effects are expected.
Repeat Exposure: No data available.

Acute Toxicity Values:

Alkyl ethyl acrylate, copolymer: Oral rat LD50 >2000 mg/kg
Proprietary Component: Oral rat LD50 >2000 mg/kg, dermal rat LD50 >2000 mg/kg,
inhalation rat LC50 >1.6 mg/l/4hr (No deaths at maximum attainable concentration)
Dihydroxylpropyl PEG-5 Linoleammonium Chloride: Not classified as acutely toxic.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Proprietary Component: LC50: Zebra fish 1.5 mg/L/96 hr, EC50: Daphnia magna 0.53 mg/L/ 48 hr.
Dihydroxylpropyl PEG-5 Linoleammonium Chloride: EC50: Daphnia magna- 3.3 mg/L/ 48 hr.

12.2 Persistence and degradability: No data available.
12.3 Bioaccumulative Potential: No data available.
12.4 Mobility in Soil: No data available.
12.5 Results of PBT and vPvB assessment: Components are not classified as PBT or vPvB.
12.6 Other Adverse Effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods: Dispose in accordance with all local and national regulations. No specific disposal method is recommended. It is the responsibility of the user, at the time of disposal, to determine whether the product meets the criteria for hazardous waste.

SECTION 14: TRANSPORTATION INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT		Not Regulated			
Canadian		Not Regulated			

TDG					
EU ADR/RID		Not Regulated			
IMDG		Not Regulated			
IATA/ICAO		Not Regulated			

14.6 Special Precautions for User: None known.

14.7 Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code: Not applicable – product is transported only in packaged form.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

EPA Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.

SARA 302 Listed Chemicals: None.

SARA 311/312 Hazard Categories: Classified as per Section 2 of this SDS.

SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372): None

California Proposition 65: This product can expose you to chemicals including ethylene oxide, which is known to the State of California to cause cancer, reproductive harm and developmental harm. For more information go to www.P65Warnings.ca.gov.

International Regulations

Canadian Environmental Protection Act: One or more of the components of this product are not listed on the Canadian Domestic Substances List.
China: Unknown if all ingredients of this product are listed on the Inventory of Existing Chemical Substance in China (IECSC).
Korea: One or more of the components of this product are not listed on the Korean Existing Chemical List (KECL).
Japan: One or more of the components of this product are not listed on the Japanese Existing and New Chemical Substances List (ENCS).
Philippines: One or more of the components of this product are not listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).
Taiwan: Unknown if all ingredients are listed on the existing chemicals inventory.

15.2 Chemical safety assessment: Not required

SECTION 16: OTHER INFORMATION

HMIS Ratings: Health - 2 Flammability - 0 Physical Hazard - 0
NFPA Ratings: Health - 2 Flammability - 0 Instability - 0

CLP/GHS Classification and H Phrases for Reference (See Section 3)
Aquatic Acute Tox. 1 - Aquatic Acute Toxicity Category 1
Aquatic Chron. Tox. 2 - Aquatic Chronic Toxicity Category 2
Aquatic Chron. Tox. 3 - Aquatic Chronic Toxicity Category 3
Eye Irrit. 2 – Eye Irritation Category 2
Skin Irrit. 2 – Skin Irritation Category 2
STOT SE 3 – Specific Target Organ Toxicity Single Exposure Category 3

H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.

H402 Harmful to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

SDS Revision History: Revision of SDS.
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