

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: EverShield Zero

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

Emergency Phone Number: 800-424-9300 (Chemtrec) +1-703-527-3887 for International Calls
(collect calls accepted)

Product Use: None known

Restriction on Use: None known

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

Flammable Liquid Category 4 (H227)

Eye Irritant Category 2 (H319)

Skin Irritant Category 2 (H315)

Aquatic Acute Toxicity Category 3 (H402)

Aquatic Chronic Toxicity Category 3 (H412)

Label Elements:

Warning!



Hazard Statements

H227 Combustible liquid.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P210 Keep away from flames and hot surfaces. No smoking.

P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear eye protection and protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 If skin irritation occurs: Get medical attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

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.

P370+P378 In case of fire: Use water fog or spray, universal foam, carbon dioxide or dry chemical to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

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

Other Hazards: None

| |
|--|
| SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS |
|--|

| Chemical Name | CAS# | % |
|---------------------------------|-------------|--------|
| Alkyl ethyl acrylate, copolymer | 103925-04-8 | 10-20% |
| Amorphous silica | 7631-86-9 | <10% |
| Surfactant | Proprietary | <5% |
| Dodecyl alcohol, ethoxylated | 9002-92-0 | <2% |

The exact concentration is being withheld as a trade secret.

| |
|--------------------------------------|
| SECTION 4: 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.

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

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

| |
|--|
| SECTION 5: FIRE-FIGHTING MEASURES |
|--|

Suitable and Unsuitable Extinguishing Media: Water fog or spray, universal foam, carbon dioxide or dry chemical.

Special Hazards Arising from the Chemical: This product is a combustible liquid. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. Vapors may form explosive mixtures with air in confined areas. Thermal decomposition products that may develop after the water has evaporated may include oxides of carbon.

Special Equipment and Precautions 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 |
|---|

Personal Precautions, Protective Equipment and Emergency Procedures: Remove all ignition sources such as open flames and spark producing equipment. Avoid contact with eyes, skin, and clothing. Wear appropriate protective clothing and equipment as described in Section 8. Avoid breathing mists or vapors.

Environmental Hazards: Avoid releases to the environment. Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up: Cover with an inert absorbent material and collect into an appropriate container for disposal.

SECTION 7: HANDLING AND STORAGE

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 product away from heat, flames, and all other sources of ignition. Keep containers closed when not in use.

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| Chemical Name | Exposure Limits |
|---------------------------------|---|
| Alkyl ethyl acrylate, copolymer | None Established |
| Amorphous silica | 2 mg/m ³ TWA (Inhalable fraction) People's Republic of China |
| Surfactant | None Established |
| Dodecyl alcohol, ethoxylated | None Established |

Refer to local regulations if exposure limits are not listed above.

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits. Use

Individual Protection 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: Impervious gloves recommended if needed to avoid prolonged skin contact.

Eye protection: Safety goggles recommended if needed to avoid eye contact.

Other: None known.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Milky white to yellowish liquid

Odor: Characteristic

| | |
|--|---|
| Odor threshold: Not established | pH: Not available |
| Melting point/freezing point: 32°F (0°C) | Boiling Point: 212°F (100°C) |
| Flash point: >149°F (>65°C) | Evaporation rate (butyl acetate =1): Not available |
| Flammability (solid, gas): Not applicable | VOC: Not available |
| Flammable limits: LEL: Not available | UEL: Not available |
| Vapor pressure: Not available | Vapor density: Not available |
| Relative density: Not available | Solubility(ies): Soluble in water |
| Partition coefficient: n-octanol/water: Not available | Auto-ignition temperature: Not available |
| Decomposition temperature: Not available | Viscosity: Not available |
| Explosive Properties: Not applicable | Oxidizing Properties: Not oxidizing |

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur. Reaction with hydrogen

fluoride generates silicon tetrafluoride vapors.

Conditions to Avoid: Keep away from heat, flames, and other sources of ignition. Avoid freezing temperatures.

Incompatible Materials: Strong acids, strong oxidizing agents, strong bases, aldehydes, aluminum, and fluorines

Hazardous Decomposition Products: Thermal decomposition products that may develop after the water has evaporated may include oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Inhalation: Inhalation of mists may cause irritation to the upper respiratory tract.

Ingestion: May cause mucous membrane and gastrointestinal irritation and other adverse effects.

Skin contact: May cause moderate skin irritation.

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 classified as carcinogens under the GHS.

Reproductive Toxicity: No adverse effects are expected. Components are not reproductive toxins.

Specific Target Organ Toxicity:

Single Exposure: No data available.

Repeat Exposure: No data available.

Aspiration Toxicity: Components are not aspiration hazards.

Acute Toxicity Values:

Product ATE: >5000 mg/kg (oral)

Alkyl ethyl acrylate, copolymer: Oral rat LD50->2000 mg/kg

Amorphous silica: Oral rat LD50->5000 mg/kg, Inhalation rat LC50->0.14 mg/L/4hr (no mortality), Skin rabbit LD50->5000 mg/kg

Surfactant: No toxicity data available

Dodecyl alcohol, ethoxylated: Oral rat LD50-1000 mg/kg, Skin rabbit LD50->2000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Dodecyl alcohol, ethoxylated: 96 hr LC50 Atlantic Salmon-1.5 mg/L, 48 hr EC50 Daphnia magna- 6.46 mg/L, 72 hr ErC50 Desmodesmus subspicatus-0.237 mg/L, 28 day NOEC Fish- 0.139 mg/L (ECOSAR), 21 days NOEC Daphnia magna- 0.144 mg/L

This product is classified as harmful to the aquatic environment. Releases to the environment should be avoided.

Persistence and Degradability: Dodecyl alcohol, ethoxylated: Readily biodegradable

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: None known

SECTION 13: DISPOSAL CONSIDERATIONS

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: TRANSPORT INFORMATION

| | UN Number | UN Proper Shipping Name | Hazard Class(s) | Packing Group | Environmental Hazards |
|------------------|-----------|-------------------------|-----------------|---------------|-----------------------|
| US DOT | | Not Regulated* | | | |
| IMDG | | Not Regulated | | | |
| IATA/ICAO | | Not Regulated | | | |

*This product is NA1993, Combustible liquid, n.o.s. and is not regulated for transport in non-bulk containers, (<119 gallons.)

Special precautions: None known

SECTION 15: REGULATORY INFORMATION

China Inventory of Existing Chemicals and Chemical Substances: All of the components in this product are listed on the IECSC Inventory for China.

SECTION 16: OTHER INFORMATION

Date of Current Revision: November 12, 2019

Revision Summary: Updated SDS due to new formula.

Date of Previous Revision: November 5, 2019

This SDS conforms to Chinese GB/T16483 and GB/T17519.

The information contained herein is true and correct to the best of Ultratech International, Inc's knowledge. However, no warranty, expressed or implied, is made. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations. Final determination of the suitability of the material is the sole responsibility of the user.