

SECTION 1: IDENTIFICATION

Product Name: EC-3367
SDS Number: 250905-01
Product Description: Water Treatment Chemical
Revision Date: 09/05/2025
Product Use: Water Treatment
Company: Apex Water + Process
12270 43rd Street NE
St. Michael MN 55376
Website: www.TeamApex.com
Contact: Non-Emergency 1-844-603-4077
Emergency Response: **For Hazardous Materials Incident, Spill, Leak, Fire, Exposure, or Accident Call: CHEMTREC at (800) 424-9300 CCN 1018609**

SECTION 2: HAZARD IDENTIFICATION

Hazard Classification: Skin Irritation, Category 3
1-4 (1 most severe) Serious Eye Irritation, Category 2 (Sub-category 2B)

Signal Word(s): **WARNING**
Pictograms:

Hazard Statements: Causes eye irritation.
Causes mild skin irritation.

Precautionary Statements

Prevention: Wash affected areas thoroughly after handling. Wear protective gloves. Wear safety goggles. Avoid breathing mist/spray. In case of inadequate ventilation, wear respiratory protection.

Response: If on skin (or hair): Wash with plenty of water. Specific treatment (see Section 4). Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If swallowed: Rinse mouth, do NOT induce vomiting! If experiencing respiratory symptoms: Call a doctor.

Storage: See Section 7.

Disposal: Dispose of contents and container in accordance with federal, state, and local regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	CHEMICAL NAME	% WT. or % Vol.
15217-42-2	Benzotriazole	< 5
64665-57-2	Tolyltriazole	< 5
1307867-84-0	Tetrahydro triazole	< 5
37971-36-1	2-phosphonobutane-1,2,4 tricarboxylic acid	5 – 10
26099-09-2	Homopolymer Maleic acid	5 – 10
9003-04-7	Phosphinocarboxylic Acid	5 – 10

Confidential business information has been removed without affecting the overall safety information on the safety data sheet. Components and exact concentrations are a trade secret. (29 CFR 1910.1200(i))

SECTION 4: FIRST AID MEASURES

Eyes: Remove contact lenses. Immediately flush with plenty of water for at least 20 minutes, holding eyelids apart to ensure flushing of the entire surface. Washing within one minute is essential to achieve maximum effectiveness. Seek medical attention.

Skin Contact: Immediately flush skin with plenty of soap and water for at least 20 minutes. Remove contaminated clothing and footwear. Wash contaminated clothing before reuse. Get medical attention if irritation develops.

Ingestion: If swallowed, DO NOT induce vomiting. Give large amounts of water to drink. Get prompt medical attention. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor for breathing difficulty. Never give anything by mouth to an unconscious person.

Inhalation: If inhaled, remove to fresh air. If not breathing via artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

Note to Physician: Note: Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Agents: Dry chemical, carbon dioxide, water spray, or foam. For larger fires use water spray, fog, or alcohol foam.

Specific Hazards During Firefighting: May produce hazardous fumes or hazardous decomposition products.

Specific Extinguishing Methods: Product is a water solution and nonflammable. In a fire, this product may build up pressure and rupture a sealed container; cool exposed containers with water spray. Use self-contained breathing apparatus in confined areas; avoid breathing mist of spray.

Specific PPE for Firefighters: Use self-contained breathing apparatus in confined areas; avoid breathing mist or spray. Full protective clothing and approved self-contained breathing apparatus required for firefighting personnel.

SECTION 6:

ACCIDENTAL RELEASE MEASURES

Spill Response: Stop leaks. Clean up spill immediately. Build dikes as necessary to contain flow of large spills. Do not allow liquid to enter stream or waterways. For small spills, use an inert material to absorb. Place contaminated materials into containers and store in a safe place to await proper disposal. Wear adequate personal protective clothing and equipment. Caution: use of vinegar or citric acid may generate carbon dioxide gas. Provide adequate ventilation to spill area. Approved breathing apparatus may be necessary.

Spill Notification: Determine if federal, state, and/or local release notification is required.

SECTION 7:

HANDLING AND STORAGE

Handling: Keep container closed. Both open and handle containers with care. Store in a cool, well ventilated place away from incompatible materials. Do NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Do NOT reuse empty containers without commercial cleaning or reconditioning. Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapors. Wash thoroughly after handling. Keep away from heat and open flame. Keep container closed when not in use.

Storage: Do not use aluminum, copper or mild steel tanks, pumps or piping with this product. Store in glass, stainless steel, plastic or epoxy lined containers. Store in a cool, dry place away from direct heat. Keep container tightly closed when not in use. Do not store in unlined metal containers. This product has a shelf life of at least six months in unopened containers and when stored within the recommended temperature range.

SECTION 8:

EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL) or OSHA (PEL).

Engineering Controls: Provide local exhaust ventilation as needed to control misting. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment:



Body Protection: Wear appropriate impervious clothing. Have safety showers available where skin contact can occur.

Hand Protection: Wear gloves impervious to conditions of use.

Eye Protection: Wear chemical safety goggles. Have eye wash stations available where eye contact can occur.

Respiratory Protection: Where concentrations in air may exceed limits given in this section or Section 2 and engineering, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

Environmental Exposure Controls: Do not allow the product to be released into the environment

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9:

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber to brown liquid
Odor:	No appreciable odor
Odor Threshold:	No data available
pH:	<3.0
Melting Point/Freezing Point:	No data available
Boiling Point/Range:	>212°F
Flash Point:	No data available
Evaporation Rate:	<1.0
Flammability (solid, gas):	N/A
Upper/Lower Explosion Limit:	N/A
Vapor Pressure:	No data available
Vapor Density:	No data available
Relative Density:	1.117 g/mL
Water Solubility:	100%
Partition Coefficient: n-octanol/water:	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available

NOTE: The physical data presented above are typical values and should not be construed as a specification.

SECTION 10:

STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Product is stable under normal storage and use conditions.
Possibility of Hazardous Reactions:	Stable under recommended storage conditions. Products will not undergo polymerization.
Conditions to Avoid:	None known.
Incompatible Materials:	Strong bases, strong reducing agents and strong oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition may release carbon monoxide, carbon dioxide and miscellaneous unknowns. Wear proper personal protective equipment when responding to a fire that may involve this product.

SECTION 11:

TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	May cause skin irritation, especially on prolonged contact.
Eye:	Direct eye contact may cause irritation, redness, swelling and pain that can become severe on prolonged contact.
Respiratory:	Inhalation of mist or spray may irritate respiratory tract.
Ingestion:	May be harmful if swallowed. May cause irritation of the mouth throat and stomach. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Delayed:	None known.
Chronic:	May aggravate existing skin, eye, and lung conditions.
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	No components list as a carcinogen.
Reproductive Toxicity:	No data available
STOT (Single):	No data available
STOT (Repeated):	No data available
Aspiration Hazard:	No data available

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity:	Toxicity to daphnia and other aquatic invertebrates: >792 ppm
Persistency & Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
Other Adverse Effects:	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods: DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of. Discarded product, as sold, should not be considered a RCRA Hazardous Waste. Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable Federal, state and local regulations. Since the emptied container retains product residue, all labeled hazard precautions must be observed. Do NOT mix with other chemical wastes. Do not put solutions containing this product into sewer systems. Do not re-use empty containers.

Disposal Considerations: Dispose of in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number:	N/A
Description of the Goods:	DOT Not Regulated
Class:	N/A
Packing Group:	N/A
Environmental Hazards:	N/A

DOT Transportation data (49 CFR 172.101)

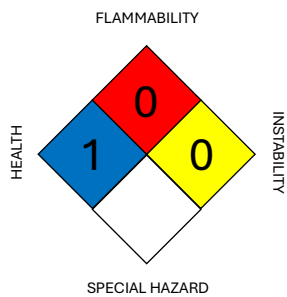
SECTION 15: REGULATORY INFORMATION

TSCA Inventory Status:	All ingredients are listed as active on the TSCA inventory
DSCL (EEC):	All ingredients are listed as active on the DSCL inventory
California Proposition 65:	Not Listed
SARA 302:	Not Listed
SARA 304:	N/A
SARA 311/312:	Acute Health Hazard
CERCLA:	N/A

SECTION 16:

OTHER INFORMATION

NFPA:



Disclaimer:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

HMIS III:

0 = Minimal
 1 = Slight
 2 = Moderate
 3 = Serious
 4 = Severe
 * = Chronic

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0